Curriculum Vitae *August 30, 2026*

PIERANGELA SAMARATI
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1 Education and employment history

She graduated in Computer Science at Università degli Studi di Milano in 1988.
At the same University she has subsequently acquired the following positions:

- *Full Professor*, Computer Science Department (originally Information Technology Department), Università degli Studi di Milano, Italy [Oct 2000-present]
- *Associate Professor*, Computer Science Department, Università degli Studi di Milano, Italy [Nov 1998-Sept 2000]
- *Assistant Professor*, Computer Science Department, Università degli Studi di Milano, Italy [Nov 1990-Oct 1998]

She has spent several periods of time in the USA, invited to perform research and collaborate with other groups. She spent more than one year as:

- *Computer Scientist*, SRI International, CA (USA) [Oct 1997-Oct 1998, July 1999-Sept 1999] (On leave from Università degli Studi di Milano)

At SRI, she was called to acquire responsibility, as Co-Principal Investigator, for a DARPA-funded project and lead the research in the field of data protection.
In addition, she has spent several visits at Stanford University and at George Mason University. In particular:

- *Visiting researcher*, Center for Secure Information Systems, George Mason University, VA (USA) [summers 1992-1996, 2002-2019, Jan 2020, 2022-2024]
- *Visiting researcher*, Computer Science Department, Stanford University, CA (USA) [Mar-Dec 1991, June-July 1992, Aug-Sept 1997]

2 Research interests and projects

Her main research interests are in data protection, security, and privacy. She has coordinated and participated in several projects, funded by the European Commission and the Italian Ministry of University and Research, involving different aspects of information protection. On these topics she has published more than 310 papers appeared in international journals, conference proceedings, and books.

While at SRI International, she participated, as co-PI, in the "Secure Access Wrapper (SAW)" project, a project funded by DARPA targeted to the development of security wrappers for the secure interoperation and information sharing of distributed, possibly heterogeneous, information sources and applications. At SRI, she also participated as a key researcher in the TIHI (Trusted Interoperation of Healthcare Information), an NSF funded project targeted to the development of a system for privacy-aware and secure sharing of information in the healthcare domain.

She has served as Principal Investigator for UNIMI for several projects funded by the European Commission, and the Italian Ministry of University and Research (MUR), involving different aspects of privacy and information protection. She also served as Project Coordinator of EC-funded projects with Consortium comprising academia as well as major industrial players such as BT, DELL-EMC, IBM, SAP, MasterCard.

She has served as Principal Investigator for the Spoke on Data Governance and Protection of the SERICS project under the National Recovery and Resilience Plan, funded by the European Union (NextGenerationEU). She coordinated the activity of the whole spoke as well as served as PI for the SPDP project, seeing the participation of several universities and cascade funding towards academia and industrial partners.

2.1 EC-funded projects

Principal Investigator (UNIMI) for the research and innovation projects:

- GLACIATION - Green responsibLe privACy preservIng dAta operaTIONs, funded by EU under the Horizon Europe research and innovation programme, aimed at providing energy-efficient data analytics across edge-core-cloud architectures, ensuring privacy and trust in the data operations [Oct 2022-Sep 2025]

- MARSAL - Machine Learning-based, Networking and Computing Infrastructure Resource Management of 5G and beyond Intelligent Networks, funded by EU under the H2020 research and innovation programme, aimed at developing a new paradigm of elastic virtual infrastructures to deliver end-to-end transfer, processing and storage services in a cost-efficient, flexible and secured way [Jan 2021-June 2024]
- MOSAICrOWN - Multi-Owner data Sharing for Analytics and Integration respecting Confidentiality and OWNer control, funded by EU under the H2020 research and innovation programme, aimed at enabling privacy-preserving data sharing and collaborative analytics in multi-owner scenarios (also *Project Coordinator*) [Jan 2019-Dec 2021]
- ESCUDO-CLOUD - Enforceable Security in the Cloud to Uphold Data Ownership, funded by EU under the H2020 research and innovation programme, aimed at empowering data owner with control and enforce data protection in cloud-based scenarios (also *Project Coordinator*) [Jan 2015-Dec 2017]
- PRIMELIFE - Privacy and Identity Management in Europe for Life, funded by EU under the VII Framework programme, aimed at the development of privacy-aware solutions supporting privacy throughout users' lives [Mar 2008-June 2011]
- PRIME - Privacy and Identity Management for Europe, funded by EU under the VI Framework programme, aimed at the development of privacy-aware solutions for enforcing security [Mar 2004-Feb 2008]
- RAPID - Roadmap for Advanced Research in Privacy and Identity Management, funded by EU targeted to the identification of R&D challenges in privacy technology and identity management [July 2002-June 2003]
- FASTER - Flexible Access to Statistics, Tables, and Electronic Summaries, funded by EU under the IV Framework programme, aimed at developing solutions enabling the secure publication of data on the Web [Jan 2000-Mar 2002]

2.2 MUR-funded projects

Principal Investigator (UNIMI) for the research projects:

- POLAR - POLicy specificAtion and enfoRcement for privacy-enhanced data management, funded by the Italian MUR under the PRIN program, aimed at the design of novel and advanced metadata models and policy models, languages, and tools for providing privacy-enabled data management [Sept 2023-Aug 2025]
- SPDP - Security, Privacy, and Data Protection - Spoke and research project of the Extended Partnership SEcurity and RIghts in the CyberSpace (SERICS) under the MUR National Recovery and Resilience Plan funded by the European Union - NextGeneration [Jan 2023-Dec 2025]
- GenData 2020 - Data-Centric Genomic Computing DNA, funded by the Italian MIUR under the PRIN program, aimed at the design of novel and advanced technological solutions for supporting the next-generation healthcare systems [Feb 2013-Jan 2016]
- PEPPER - Privacy and Protection of Personal Data, funded by the Italian MIUR under the PRIN program, aimed at the design of solutions for allowing users to protect their personal and data privacy [Mar 2010-Sept 2012]
- Management and Protection of Encrypted Databases, funded by the Italian MIUR under the PRIN program, aimed at developing data protection technology for database-as-a-service scenarios [Feb 2007-Feb 2009]

2.3 Other projects

Principal Investigator for the projects:

- k-anonymity for AR/VR and IoT/5G (JPMorgan Chase research grant) [Oct 2020-Sept 2021]
- k-anonymity for AR/VR and IoT/5G (JPMorgan Chase research grant) [Oct 2021-Sept 2022]
- Fine-Grained Access Control for Social Networking Applications (Google Faculty Research Award) [July 2012-June 2013]

3 Awards and honors

- *IEEE Fellow* for contributions to information security, data protection, and privacy [2012]
- *ACM Fellow* for contributions to data security and privacy [2021]
- *IFIP Fellow* for pioneering and outstanding contributions to research and information sharing in information security, data protection and privacy [2021]
- *ACM Distinguished Scientist* for her contributions in the fields of information security, data protection, and privacy [2009]
- *IEEE Computer Society Technical Achievement Award* for pioneering and outstanding contributions to data security and privacy [2016]
- *ESORICS Outstanding Research Award* [2018]
- *Kristian Beckman Award* from IFIP TC11 for her substantial inquisitive academic activities leading to broad, long-term, and forward reaching contributions to the full field of information security [2008]
- *IFIP WG 11.3 Outstanding Research Award* for her contributions in the area of data and applications security [2012]
- *IFIP Silver Core Award* for the services to IFIP TC11 [2004]
- *Editorial Excellence and Eminence Award* for outstanding contributions as an Associate Editor of the IEEE Transactions on Cloud Computing [2019]
- *DBSec 2025 Best Paper Award* for the paper "Supporting Delegation in Outsourced ICA Process," by S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, S. Petrilli, P. Samarati [2025]
- *DBSec 2024 Best Paper Award* for the paper "DT-Anon: Decision Tree Target-Driven Anonymization," by S. De Capitani di Vimercati, S. Foresti, V. Ghirimoldi, P. Samarati [2024]
- *DBSec 2014 Best Paper Award* for the paper "Optimizing Integrity Checks for Join Queries in the Cloud," by S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati [2014]
- *ACM Principles of Database Systems Best Newcomer Paper Award* for the paper "Minimal Data Upgrading to Prevent Inference and Association Attacks," by S. Dawson, S. De Capitani di Vimercati, P. Lincoln, P. Samarati [1999]
- Scholarship from *The Rotary Foundation* for a period of study/research abroad [Mar-Dec 1991]

4 Educational activities

During her career at the Università degli Studi di Milano, she has been teaching courses in databases, algorithms and data structures, security and privacy, and advanced techniques for data protection, at undergraduate, master, and PhD levels. She has been invited to lecture in international summer schools, where she taught courses on data protection, privacy, and access control. In 2006, 2007, and 2008 she taught, as invited lecturer, the course "Computer Security I" for the MSc in Information Security at the University College London (UCL), UK.

5 Professional activities

5.1 Service at Università degli Studi di Milano

- *Member of the University Cybersecurity Committee*, Università degli Studi di Milano [Dec. 2025-present]
- *Member of the University Research Observatory*, Università degli Studi di Milano [Nov. 2024-present]
- *Chair of the Educational Board* (Presidente Collegio Didattico), Information Technology Department [Oct 2001-Oct 2008]
- *Coordinator of the MSc Degree Program in Cybersecurity*, Department of Computer Science, Università degli Studi di Milano [Jan 2024-Feb 2025]
- *Chair of the Students-Faculty Joint Committee* (Presidente della Commissione Paritetica Docenti-Studenti), Computer Science Department [Feb 2013-Feb 2019]
- *Delegate for Research Evaluation*, Department of Computer Science, Università degli Studi di Milano [Oct 2017-Sept 2024]
- *Member of the Department Board* (Giunta di Dipartimento), Department of Computer Science, Università degli Studi di Milano [Oct 2017-Sept 2024]
- *Member of the Students-Faculty Joint Committee*, Department of Computer Science, Università degli Studi di Milano [Mar 2019-Dec 2023]

5.2 Participation in evaluation panels

- *Panel member* and *vice-chair Expert Group (GEV)* VQR 2011-2014 (ANVUR-MIUR research evaluation)
- *Panel member Expert Group (GEV)* VQR 2004-2010 (ANVUR-MIUR research evaluation); *chair of the sub-GEV* for sector INF/01-Computer Science

- *Panel member*, ERC Starting Grant [2013, 2015, 2017, 2019]; *shadow reviewer*: ERC Starting Grant [2016, 2018]
- *Panel member*, NPRP, Qatar National Research Fund, Qatar [2009-2014, 2017, 2018]
- *Panel member*, Juan De La Cierva, Ramón Y Cayal, Spain [2009, 2010, 2016]
- *Panel member*, Consolider-Ingenio Program, Spain [2007, 2008]
- *Reviewer*, Talentia Senior Programme, Spain [2019]

5.3 Member of scientific and technical boards

- *Vice-chair*, IEEE CS Fellow Evaluation Committee [2026]
- IEEE CS Fellow Evaluation Committee [2025]
- *Chair*, IEEE Systems Council Distinguished Lecturer Committee [2022-2025]
- IEEE Technical Activities Board Awards and Recognition Committee [2020-2022]
- *Vice-chair for research*, Gruppo di Informatica (GRIN) [2015-2019]
- *Chair*, Research Committee, Gruppo di Informatica (GRIN) [2015-2019]
- *Chair*, IEEE Systems Council TC on Security and Privacy in Complex Information Systems [2010-2025]
- *Chair*, Policy Model Subcommittee of OASIS XACML Technical Committee [2001]
- Board of Directors International Communications and Information Security Association [2000-present]
- IFIP Technical Committee 11 on EDP Security, *Italian representative*, [1993-present]

5.4 Member of award committees

- Caspar Bowden PET Award Committee [2021]
- IEEE Computer Society Awards Committee [2017-2019]
- *Chair*, IEEE W. Wallace McDowell Award Committee [2017-2018]
- Kristian Beckman Award Committee [2017]
- IEEE CNS Best Paper Award Committee [2014-2016]
- *Chair*, ACM SIGSAC Awards Committee [2005-2009]

5.5 Participation in editorial boards of international journals and books

- *Co-Editor-in-Chief*, Encyclopedia of Cryptography, Security and Privacy, Springer [2025]
- *Editor-in-Chief*, Journal of Computer Security [Feb 2010-Dec 2019]
- *Associate Editor-in-Chief*, IEEE Transactions on Privacy [Jan 2024-present]
- *Associate Editor-in-Chief*, IEEE Transactions on Dependable and Secure Computing [Nov 2019-Feb 2025]
- *Area Editor*, IEEE Internet of Things Journal [May 2020-present]
- *Senior Editor*, ACM Transactions on the Web (TWEB) [Jan 2018-present]
- *Associate Editor*, IEEE Transactions on Big Data [Oct 2022-present]
- *Associate Editor*, VLDB Journal [Sept 2017-March 2024]
- *Associate Editor*, IEEE Transactions on Cloud Computing [Jan 2013-Dec 2020]
- *Associate Editor*, IEEE Internet of Things Journal [Sept 2013-May 2019]
- *Associate Editor*, ACM Transactions on the Web [Nov 2005-Dec 2017]
- *Associate Editor*, ACM Transactions on Database Systems [Oct 2005-Oct 2011]
- *Associate Editor*, ACM Computing Surveys [July 2004-present]
- *Editorial Board Member*, International Journal of Information Security [Apr 2013-Dec 2016]
- *Editorial Board Member*, Computers & Security, Elsevier [Oct 2008-Dec 2013]
- *Editorial Board Member*, Journal of Computer Security [Jan 2001-Jan 2010]

5.6 Conference and workshop organization

She serves in the steering committees of several international conferences and organized many of them as general or program chair. She has served as program committee member for more than 500 international conferences and workshops, including flagship conferences of ACM and IEEE.

She has been actively involved in the organization of some of the most important international conferences in the security community. In 2002, she established the ACM Workshop on Privacy in the Electronic Society, serving as Program Chair for its first two editions. The workshop, of which she now chairs the Steering Committee, gathered the interest of many researchers and, at its 24th edition in 2025, represents one of the largest and most successful thematic workshops held in the association with the ACM Computer and Communications Security Conference (ACM CCS), the flagship ACM SIGSAC (Special Interest Group in Security, Audit and Control) conference.

Chairing roles in steering committees:

- IEEE Computer Pioneer and Computer Entrepreneur Sub-Committee, *Chair* [2020]
- ERCIM Security and Trust Management Working Group, *Chair* [Sept 2012-Dec 2025]
- ESORICS, European Symposium on Research in Computer Security, *Chair* [Sept 2007-Sept 2017]
- ACM WPES, ACM Workshop on Privacy in the Electronic Society, *Proponent and Chair* [Nov 2002-present]
- ACM SIGSAC (Special Int. Group on Security, Audit, and Control), *vice-Chair* [2005-2009]
- ESORICS, European Symposium on Research in Computer Security, *vice-Chair* [Sept 2003-Aug 2007]
- IFIP DBSec, IFIP Working Group 11.3 on Database and Application Security, *Chair* [Sept 2000-July 2007]
- IFIP DBSec, IFIP Working Group 11.3 on Database and Application Security, *vice-Chair* [July 1998-Aug 2000]

Member of steering committees:
- ARES, International Conference on Availability, Reliability and Security [Dec 2019-present]
- IEEE CNS, IEEE Conference on Communications and Network Security [2016-present]
- ITASEC, Italian Conference on CyberSecurity [2016-present]
- ICISS, International Conference on Information Systems Security [2005-present]
- IEEE International Conference on Blockchain [2018-2020]
- ICICS, International Conference on Information and Communications Security [2000-2015]
- ACM Symposium on InformAtion, Computer and Communications Security [2006-2013]
- ACM Conference on Computer and Communications Security [2000-2009]
- ESORICS, European Symposium On Research In Computer Security [Mar 1998-Aug 2003; Oct 2017-present]

Member of advisory committees:
- 22nd International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2025), València, Spain. September 15-18, 2025.
- 21st International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2024), Tokyo, Japan, August 27-31, 2024.
- 20th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2023), Umeå, Sweden, June 19-22, 2023.
- 19th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2022), Sant Cugat, Catalonia, Spain, 30 August - 2 September, 2022.
- 18th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2021), September 27-30, 2021 (virtual conference).
- 4th Summer School on Network and Information Security (NIS 2011), Crete, Greece, June 27-July 1, 2011.
- 3rd Summer School on Network and Information Security (NIS 2010), Crete, Greece, Sept 13-17, 2010.

General Chair:
- 23rd International Conference on Security and Cryptography (SECRYPT 2026), Porto, Portugal, July 16-18, 2026.
- 22nd International Conference on Security and Cryptography (SECRYPT 2025), Bilbao, Spain, June 11-13, 2025.
- 21st International Conference on Security and Cryptography (SECRYPT 2024), Dijon, France, July 8-10, 2024.
- 20th International Conference on Security and Cryptography (SECRYPT 2023), Rome, Italy, July 10-12, 2023.
- 21st IEEE International Conference on Trust, Security, and Privacy in Computing and Communications (IEEE TrustCom 2022), China, 2022 (co-chair with M. Conti and D. Zou)
- 24th International Conference on Information and Communications Security (ICICS 2022), University of Kent, Canterbury, UK, September 5-8, 2022 (co-chair with Shujun Li)
- 19th International Conference on Security and Cryptography (SECRYPT 2022), Portugal, July 11-13, 2022.
- 18th International Conference on Security and Cryptography (SECRYPT 2021), July 6-8, 2021.
- 15th International Conference on Cryptology and Network Security (CANS 2016), Milan, Italy, November 14-16, 2016.
- 28th IFIP WG 11.3 Conference on Data and Application Security and Privacy (DBSec 2014), Vienna, Austria, July 14-16, 2014 (co-chair with Edgar Weippl).
- 24th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2010), Rome, Italy, June 21-23, 2010.
- 10th European Symposium On Research In Computer Security (ESORICS 2005), Milan, Italy, September 12-14, 2005.
- 1st Workshop on Security and Trust Management (STM 2005), Milan, Italy, September 15, 2005.

Workshop Chair:

- 1st IEEE Conference on Communications and Network Security (CNS 2013), Washington, DC, USA, October 14-16, 2013.
- 12th ACM Conference on Computer and Communications Security (CCS 2005), Alexandria, VA, USA, November 7-11, 2005.

Tutorial Chair:

- 15th ACM Conference on Computer and Communications Security (CCS 2008), Alexandria, VA, USA, October 27-31, 2008.

Panel Chair:

- 25th Annual Computer Security Applications Conference (ACSAC 2009), Honolulu, Hawaii, December 7-11, 2009.

Program Chair:

- 40th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2026), Arlington, VA, USA, July 28-30, 2026 (co-chair with Balaji Palanisamy).
- 8th International Conference on Blockchain, Artificial Intelligence, and Trustworthy Systems (BlockSys 2026), Chengdu, China, July 29-31, 2026 (co-chair with Pin-Han Ho and Yin Zhang).
- 2nd Joint National Conference on Cybersecurity (ITASEC 2026), Cagliari, Italy, February 9-13, 2026 (co-chair with Davide Maiorca).
- 17th International Conference on Security and Cryptography (SECRYPT 2020), Lieusant, Paris, France, July 8-10, 2020.
- 6th IEEE Workshop on Security and Privacy in the Cloud (SPC 2020), Avignon, France July 1, 2020 (co-chair with Massimiliano Albanese).
- 16th International Conference on Security and Cryptography (SECRYPT 2019), Prague, Czech Republic, July 26-28, 2019.
- 5th IEEE Workshop on Security and Privacy in the Cloud (SPC 2019), Washington, VA, USA, June 12, 2019 (co-chair with Massimiliano Albanese).
- 20th International Conference on Information and Communications Security (ICICS 2018), Lille, France, October 29-31 (co-chair with David Naccache, Shouhuai Xu, Sihan Qing).
- 15th International Conference on Security and Cryptography (SECRYPT 2018), Porto, Portugal, July 26-28, 2018.
- 13th International Conference on Information Security Practice and Experience (ISPEC 2017), Melbourne, Australia, November 29 - December 1, 2017 (co-chair with Joseph Liu).
- 14th International Conference on Security and Cryptography (SECRYPT 2017), Madrid, Spain, July 26-28, 2017.
- 13th International Conference on Security and Cryptography (SECRYPT 2016), Lisbon, Portugal, July 26-28, 2016.
- 3rd IEEE Conference on Communications and Network Security (CNS 2015), Florence, Italy, September 28-30, 2015.
- 10th International Conference on Security and Cryptography (SECRYPT 2015), Colmar, Alsace, France, July 20-22, 2015 (PC chair).
- 29th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2015) Fairfax, VA, USA, July 13-15, 2015.
- 9th International Conference on Security and Cryptography (SECRYPT 2014), Vienna, Austria, August 28-30, 2014 (PC chair).
- 8th International Conference on Security and Cryptography (SECRYPT 2013), Reykjavik, Iceland, July 29-31, 2013 (PC chair).
- 8th International Workshop on Security and Trust Management (STM 2012), Pisa, Italy, September 13-14, 2012 (co-chair with Audun Josang).
- 7th International Conference on Security and Cryptography (SECRYPT 2012), Rome, Italy, July 24-27, 2012.
- 10th International Conference on Applied Cryptography and Network Security (ACNS 2012), Singapore, June 26-29, 2012 (co-chair with Feng Bao).
- 5th International Conference on Network and System Security (NSS 2011), Milan, Italy, September 6-8, 2011.
- 6th International Conference on Security and Cryptography (SECRYPT 2011), Seville, Spain, July 18-21, 2011 (co-chair with Javier Lopez).

- 4th International Conference on Network and System Security (NSS 2010), Melbourne, Australia, September 1-3, 2010 (co-chair with Yang Xiang, Jiankun Hu).
- 5th International Conference on Security and Cryptography (SECRYPT 2010), Athens, Greece, July 26-28, 2010 (co-chair with Sokratis Katsikas).
- 3rd International Workshop on Information Security Theory and Practices (WISTP 2010), Passau, Germany, April 12-16, 2010 (co-chair with M. Tunstall).
- 12th Information Security Conference (ISC 2009), Pisa, Italy, September 7-9, 2009 (co-chair with Moti Yung).
- 24th Annual Computer Security Applications Conference (ACSAC 2008), Anaheim, California, USA, December 8-12, 2008.
- 1st International Workshop on Privacy in Location-Based Applications (PiLBA 2008), Malaga, Spain, October 9, 2008 (co-chair with Claudio Bettini, Sushil Jajodia, X. Sean Wang).
- 23rd IFIP International Information Security Conference (SEC 2008), Milan, Italy, September 8-10, 2008 (co-chair with Sushil Jajodia).
- 23rd Annual Computer Security Applications Conference (ACSAC 2007), Miami, FL, USA, December 10-14, 2007.
- 4th European PKI Workshop: Theory and Practice (EuroPKI 2007), Palma de Mallorca, Spain, June 28-30, 2007 (co-chair with Javier Lopez).
- 2nd ACM Symposium on InformAtion, Computer and Communications Security (ASIACCS 2007), Singapore, March 20-22, 2007 (co-chair with Robert Deng).
- 2nd International Workshop on Security and Trust Management (STM 2006), Hamburg, Germany, September 20, 2006 (co-chair with Sandro Etalle).
- 22nd Annual Computer Security Applications Conference (ACSAC 2006), Miami, FL, USA, December 11-15, 2006 (co-chair with Christoph Schuba and Charles Payne).
- 21st Annual Computer Security Applications Conference (ACSAC 2005), Tucson, AZ, USA, December 5-9, 2005 (co-chair with Christoph Schuba and Charles Payne).
- 20th Annual Computer Security Applications Conference (ACSAC 2004), Tucson, AZ, USA, December 6-10, 2004 (co-chair with Dan Thomsen and Christoph Schuba).
- 9th European Symposium On Research In Computer Security (ESORICS 2004), Nice, France, September 13-15, 2004 (co-chair with Peter Ryan).
- 18th IFIP WG11.3 Working Conference on Data and Application Security (DBSec 2004), Sitges, Spain, July 25-28, 2004 (co-chair with Csilla Farkas).
- 2nd ACM Workshop on Privacy in the Electronic Society (WPES 2003), Washington, DC, USA, October 31, 2003 (co-chair with Paul Syverson).
- 8th European Symposium On Research In Computer Security (ESORICS 2003), Gjovik, Norway, October 13-15, 2003 (co-chair with Einar Snekkenes).
- 18th IFIP TC-11 International Conference on Information Security (SEC 2003), Athens, Greece, May 26-28, 2003 (co-chair with Socratis Katsikas).
- 1st ACM Workshop on Privacy in the Electronic Society (WPES 2002), Washington, DC, USA, November 21, 2002.
- 8th ACM Conference of Computer and Communications Security (CCS 2001), Philadephia, PA, USA, November 5-8, 2001.
- 10th IFIP WG11.3 Working Conference on Database Security (DBSec 1996), Como, Italy, July 1996 (co-chair with Ravi Sandhu).

Program Committee Track/Area Chair:

- The Web Conference 2023, Austin, TX, USA, May 1-5, 2023 (*Security, Privacy, and Trust track*).
- 39th IEEE International Conference on Data Engineering (ICDE 2023), Anaheim, CA, USA, April 3-7, 2023 (*Area chair*).
- 40th IEEE International Conference on Distributed Computing Systems (ICDCS 2020), Singapore, July 8-10, 2020 (*Security, Privacy, and Trust in Distributed Systems track*)
- 8th IEEE Conference on Communications and Network Security (CNS 2020), Avignon, France, June 29 - July 1, 2020 (*Area chair*).
- 7th IEEE Conference on Communications and Network Security (CNS 2019), Washington, D.C., USA, June 10-12, 2019 (*Area chair*).
- 5th IEEE Conference on Communications and Network Security (CNS 2017), Las Vegas, NV, USA, October 9-11, 2017 (*Area chair*).
- 2nd IEEE Conference on Communications and Network Security (CNS 2014), San Francisco, CA, USA, October 29-31, 2014 (*Area chair*).

- 1st IEEE Conference on Communications and Network Security (CNS 2013), Washington DC, USA, October 14-16, 2013 (*Area chair*).
- 29th IEEE International Conference on Data Engineering (ICDE 2013), Brisbane, Australia, April 8-12, 2013 (*Privacy and security track*).
- 1st IEEE-AESS Conference in Europe about Space and Satellite Communications (ESTEL 2012), Rome, Italy, October 2-5, 2012 (*Security and privacy special track*).

Program Committee member:

- 32nd ACM Symposium on Access Control Models and Technologies (SACMAT 2027), Durham, UK, July 19-21, 2027.
- 43rd IEEE International Conference on Data Engineering (ICDE 2027), Copenhagen, Denmark, May 17-21, 2027 (Senior PC member).
- 2026 IEEE Global Communications Conference: Communication & Information System Security (Globecom 2026 CISS), Macau, China, December 7-11, 2026.
- 33rd ACM Conference on Computer and Communications Security (CCS 2026), The Hague, The Netherlands, November 15-19, 2026.
- 25th ACM Workshop on Privacy in the Electronic Society (WPES 2026), The Hague, The Netherlands, November 16, 2026.
- 31st European Symposium on Research in Computer Security (ESORICS 2026), Rome, Italy, September 21-23, 2026.
- 52nd International Conference on Very Large Data Bases (VLDB 2026), Boston, MA, USA, August 31-September 4, 2026.
- 21st International Conference on Availability, Reliability and Security (ARES 2026), Linköping, Sweden, August 24-27, 2026.
- 31st ACM Symposium on Access Control Models and Technologies (SACMAT 2026), Waterloo, Canada, July 8-10, 2026.
- 41st IFIP STC11 Information Security & Privacy Conference (IFIP SEC 2026), Perth, Australia, June 9-11, 2026.
- 21st ACM ASIA Conference on Computer and Communications Security (ACM ASIACCS 2026), Bangalore, India, June 1-6, 2026.
- 29th International Conference on Extending Database Technology (EDBT 2026), Tampere, Finland, March 24-27, 2026.
- 42nd IEEE International Conference on Data Engineering (ICDE 2026), Montréal, Canada, May 4-8, 2026.
- 2025 IEEE Global Communications Conference (GLOBECOM 2025), Taipei, Taiwan, December 8-12, 2025.
- 3rd Cloud-Edge Continuum Workshop, Seoul, South Korea, September 22, 2025.
- 20th International Conference on Availability, Reliability and Security (ARES 2025), Ghent, Belgium, August 11-14, 2025.
- 30th ACM Symposium on Access Control Models and Technologies (SACMAT 2025), Stony Brook, NY, USA, July 8 - 10, 2025.
- 30th European Symposium on Research in Computer Security (ESORICS 2025), Toulouse, France, September 22-26, 2025.
- 39th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2025), Gjøvik, Norway, June 23-25, 2025.
- 41st IEEE International Conference on Data Engineering (ICDE 2025), Hong Kong Sar, China, May 19-23, 2025.
- 2024 IEEE International Conference on Big Data (IEEE BigData 2024), Washington DC, USA, December 15-18, 2024.
- 2024 IEEE Global Communications Conference: Communication & Information Systems Security (GLOBECOM 2024), Cape Town, South Africa, December 8-12, 2024.
- 23rd ACM Workshop on Privacy in the Electronic Society (WPES 2024), Salt Lake City, USA, October 14, 2024.
- 9th International Conference on e-Democracy (eDemocracy 2024), Athens, Greece, September 26-27, 2024.
- 20th International Workshop on Security and Trust Management (STM 2024), Bydgoszcz, Poland, September 19-20, 2024.
- 8th International Workshop on Security and Privacy Requirements Engineering (SECPRE 2024), Bydgoszcz, Poland, September 19-20, 2024.
- 29th European Symposium on Research in Computer Security (ESORICS 2024), Bydgoszcz, Poland, September 16-20, 2024.

- 19th International Conference on Availability, Reliability and Security (ARES 2024), Vienna, Austria, July 30-August 2, 2024.
- 38th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2024), San Jose, CA, USA, July 15-17, 2024.
- 39th International Conference on ICT Systems Security and Privacy Protection (IFIP SEC 2024), Edinburgh, United Kingdom, June 12-14, 2024.
- ACM International SIGMOD Conference on Management of Data (SIGMOD 2024), Santiago, Chile, June 11-16, 2024.
- 2024 ACM Symposium on Access Control Models and Technologies (SACMAT 2024), San Antonio, Texas from May 15-17, 2024.
- 27th International Conference on Extending Database Technology (EDBT 2024), Paestum, Italy, March 25-28, 2024.
- 2023 IEEE International Conference on Big Data (IEEE BigData 2023), Sorrento, Italy, December 15-18, 2023.
- 2023 IEEE Global Communications Conference: Communication & Information Systems Security (GLOBECOM 2023), Kuala Lumpur, Malaysia, December 4-8, 2023.
- 22nd ACM Workshop on Privacy in the Electronic Society (WPES 2023), Copenhagen, Denmark, November 26, 2023.
- 25th International Symposium on Stabilization, Safety, and Security of Distributed Systems (SSS 2023), Jersey City, NJ, USA, October 2-4, 2023.
- 7th International Workshop on Security and Privacy Requirements Engineering (SECPRE 2023), The Hague, The Netherlands, September 28-29, 2023.
- 19th International Workshop on Security and Trust Management (STM 2023), The Hague, Netherlands, September 28-29, 2023.
- 18th DPM International Workshop on Data Privacy Management (DPM 2023), The Hague, Netherlands, September 28-29, 2023.
- 18th International Conference on Availability, Reliability and Security (ARES 2023), Benevento, Italy, August 29-September 1, 2023.
- 18th International Conference on Information Security Practice and Experience (ISPEC 2023), Copenhagen, Denmark, August 24-25, 2023.
- 37th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2023), Sophia Antipolis, France, July 19-21, 2023.
- 28th Australasian Conference on Information Security and Privacy (ACISP 2023), Brisbane, Queensland, Australia, July 5-7, 2023.
- 38th International Conference on ICT Systems Security and Privacy Protection (SEC 2023), Poznań, Poland, June 14-16, 2023.
- 7th Italian Conference on Cybersecurity (ITASEC 2023), Bari, Italy, May 3-5, 2023.
- 18th International Conference on Information Systems Security (ICISS 2022), Tirupati, India, December 16-20, 2022.
- 16th International Conference on Network and System Security (NSS 2022), Denarau Island, Fiji, December 9-12, 2022.
- 27th Australasian Conference on Information Security and Privacy (ACISP 2022), Wollongong, Australia, November 28-30, 2022.
- 17th International Conference on Information Security Practice and Experience (ISPEC 2022), Taipei, Taiwan, November 23-25, 2022.
- 21st ACM Workshop on Privacy in the Electronic Society (WPES 2022), Los Angeles, USA, November 7, 2022.
- 13th ACM Cloud Computing Security Workshop (CCSW 2022), Los Angeles, USA, November 7, 2022.
- 27th European Symposium on Research in Computer Security (ESORICS 2022), Copenhagen, Denmark, September 26-30, 2022.
- 6th International Workshop on SECurity and Privacy Requirements Engineering (SECPRE 2022), Copenhagen, Denmark, September 26-30, 2022.
- 17th DPM International Workshop on Data Privacy Management (DPM 2022), Copenhagen, Denmark, September 29, 2022.
- 48th International Conference on Very Large Data Bases (VLDB 2022), Sydney, Australia, September 5-9, 2022.
- 17th International Conference on Availability, Reliability and Security (ARES 2022), Vienna, Austria, August 23-26, 2022.

- 19th Annual International Conference on Privacy, Security, and Trust (PST 2022), Fredericton, Canada, August 22-24, 2022.
- 19th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2022), Vienna, Austria, August 22-24, 2022.
- 36th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2022), Chicago, USA, July 18-20, 2022.
- 42nd IEEE International Conference on Distributed Computing Systems (ICDCS 2022), Bologna, Italy, July 10-13, 2022.
- 4th Workshop on Cloud Security and Privacy (Cloud S&P 2022), Rome, Italy, June 20-23, 2022.
- 1st International Conference on Security and Privacy in Smart Environments (SMARTS&P 2022), Edinburgh, Scotland June 15, 2022.
- 37th International Conference on ICT Systems Security and Privacy Protection (SEC 2022), Copenhagen, Denmark, June, 13-17, 2022.
- 38th IEEE International Conference on Data Engineering (ICDE 2022), Kuala Lumpur, Malaysia, May 9-12, 2022.
- 17th International Conference on Information Systems Security (ICISS 2021), IIT Patna, India, December 17-19, 2021.
- 2021 IEEE Global Communications Conference (GLOBECOM 2021): Communication & Information Systems Security, Madrid, Spain, December 7-11, 2021.
- 20th ACM Workshop on Privacy in the Electronic Society (WPES 2021), Seoul, South Korea, November 15, 2021.
- 12th ACM Cloud Computing Security Workshop (CCSW 2021), Seoul, Korea, November 14, 2021.
- 2021 ACM Symposium on Cloud Computing (SoCC 2021), Seattle, Washington, November 1-3, 2021 (virtual conference).
- 18th IEEE International Conference on Advanced and Trusted Computing (ATC 2021), Atlanta, GA, USA, October 18-21, 2021.
- 26th European Symposium On Research In Computer Security (ESORICS 2021), Darmstadt, Germany, October 4-8, 2021.
- 17th International Workshop on Security and Trust Management (STM 2021), October 4-8, 2021.
- 16th International Workshop on Data Privacy Management (DPM 2021), October 4-8, 2021.
- 5th International Workshop on Security and Privacy Requirements Engineering (SECPRE 2021), October 4-8, 2021.
- 18th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2021), September 27-30, 2021 (virtual conference).
- 2nd International Symposium on Emerging Information Security and Applications (EISA 2021), Copenhagen Denmark, August 25-26, 2021.
- 16th International Conference on Availability, Reliability and Security (ARES 2021), Vienna, Austria, August 17-20, 2021.
- 2nd Workshop on Recent Advances in Cyber Situational Awareness on Military Operations (CSA 2021), Vienna, Austria, August 17-20, 2021.
- 5th International Cross Domain Conference for Machine Learning & Knowledge Extraction (CD-MAKE 2021), Vienna, Austria, August 17-20, 2021.
- 35th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2021), Calgary, Canada, July 19-20, 2021.
- 41st IEEE International Conference on Distributed Computing Systems (ICDCS 2021), Washington DC, USA, July 7-10, 2021.
- 26th Australasian Conference on Information Security and Privacy (ACISP 2021), Perth, Australia, July 7-9, 2021.
- 36th International Conference on ICT Systems Security and Privacy Protection (IFIP SEC 2021), Oslo, Norway, June 22-24, 2021.
- 3rd Workshop on Cloud Security and Privacy (CLOUD S&P 2021), Kamakura, Japan, June 21-24, 2021.
- ACM Internationa SIGMOD Conference on Management of Data (SIGMOD 2021), Xi'an, Shaanxi, China, June 20-25, 2021.
- 34th IEEE Computer Security Foundations Symposium (CSF 2021), Dubrovnik, Croatia, June 21-25, 2021.
- Autonomous Intelligent Cyberdefence Agents conference (AICA 2021), Paris, France, March 15-16, 2021.
- 16th International Conference on Information Security Practice and Experience (ISPEC 2020), Nanjing, China, November 20-22, 2020.
- 19th IEEE International Conference on Trust, Security and Privacy in Computing and Communications

(IEEE TrustCom 2020), Guangzhou, China, November 10-13, 2020.
- 2020 ACM Cloud Computing Security Workshop (CCSW 2020), Orlando, FL, USA, November 9, 2020.
- 16th EAI International Conference on Security and Privacy in Communication Networks (SecureComm 2020), Washington D.C., USA, October 21-23, 2020.
- Privacy in Statistical Databases (PSD 2020), Arezzo, Italy, September 23-25, 2020.
- 16th International Workshop on Security and Trust Management (STM 2020), Guildford, Surrey, U.K., September 17-18, 2020.
- 15th International Workshop on Data Privacy Management (DPM 2020), Guildford, Surrey, U.K., September 17-18, 2020.
- 4th International Workshop on SECurity and Privacy Requirements Engineering (SECPRE 2020), Guildford, Surrey, U.K., September 17-18, 2020.
- 25th European Symposium on Research in Computer Security (ESORICS 2020), Guildford, Surrey, U.K., September 14-18, 2020.
- 17th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2020), Bratislava, Slovakia, September 14-17, 2020.
- 17th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2020), Barcelona, Spain, September 2-4, 2020.
- 1st Workshop on Recent Advances in Cyber Situational Awareness on Military Operations (CSA 2020), Dublin, Ireland, August 25-28, 2020.
- 15th International Conference on Availability, Reliability and Security (ARES 2020), Dublin, Ireland, August 24-28, 2020.
- 22nd International Conference on Information and Communications Security (ICICS 2020), Copenhagen, Denmark, August 24-27, 2020.
- 4th International Cross Domain Conference for Machine Learning & Knowledge Extraction (CD-MAKE 2020), Dublin, Ireland, August 24-28, 2020.
- 14th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2020), Tel Aviv, Israel, June 29 - July 1, 2020.
- 33rd IEEE Computer Security Foundations Symposium (CSF 2020), Boston, MA, USA, June 22-26, 2020.
- 2nd Workshop on Cloud Security and Privacy (Cloud S&P 2020), Rome, Italy, June 22-25, 2020.
- 34th Annual IFIP WG 11.3 Conference on Data and Applications Security (DBSec 2020), Regensburg, Germany, June 25-27, 2020.
- 18th International Conference on Applied Cryptography and Network Security (ACNS 2020), Rome, Italy, June 22-25, 2020.
- 35th International Conference on ICT Systems Security and Privacy Protection (IFIP SEC 2020), Maribor, Slovenia, May 26-28, 2020.
- 36th IEEE International Conference on Data Engineering (ICDE 2020), Dallas, Texas, April 20-24, 2020.
- 21st International Conference on Information and Communications Security (ICICS 2019), Beijing, China, December 15-17, 2019.
- 13th Workshop in Information Security Theory and Practice (WISTP 2019), Paris, France, December 11-12, 2019.
- 2019 IEEE Global Communications Conference: Communication & Information System Security (GLOBECOM 2019), Big Island, Hawaii, December 9-13, 2019.
- 8th eDemocracy International Conference: Safeguarding Democracy and Human Rights in the Digital Age (eDemocracy 2019), Athens, Greece, December 12-13, 2019.
- 15th International Conference on Information Systems Security (ICISS 2019), Hyderabad, India, December 16-20, 2019.
- 15th International Conference on Information Security Practice and Experience (ISPEC 2019), Kuala Lumpur, Malaysia, November 26-28, 2019.
- 2019 IEEE International Conference on Dependable and Secure Computing (DSC 2019), Hangzhou, China, November 18-20, 2019.
- 18th ACM Workshop on Privacy in the Electronic Society (WPES 2019), London U.K., November 11, 2019,
- 2019 ACM Cloud Computing Security Workshop (ACM CCSW 2019), London, U.K., November 11, 2019.
- 28th ACM International Conference on Information and Knowledge Management (CIKM 2019), Beijing, China, November 3-7, 2019.
- 15th EAI International Conference on Security and Privacy in Communication Networks (SecureComm 2019), Orlando, FL, USA, October 23-25, 2019.
- 14th International Workshop on Data Privacy Management (DPM 2019), Luxembourg, September 26-27, 2019.

- 18th International Conference on Cryptology and Network Security (CANS 2019), Fuzhou, China, October 25-27, 2019.
- 24th European Symposium on Research in Computer Security (ESORICS 2019), Luxembourg, September 23-27, 2019.
- 16th International Conference on Trust, Privacy and Security in Digital Business (TRUSTBUS 2019), Linz, Austria, August 26-29, 2019.
- 18th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TRUSTCOM 2019), Rotorua, New Zealand, August 5-8, 2018.
- 33rd Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2019), Charleston, SC, USA, July 14-17, 2019.
- 2019 IEEE International Congress on Big Data, Milan, Italy, July 8-13, 2019.
- 39th IEEE International Conference on Distributed Computing Systems (ICDCS 2019), Dallas, Texas, USA, July 7-10, 2019.
- 24th Australasian Conference on Information Security and Privacy (ACISP 2019), Christchurch, New Zealand, July 3-5, 2019.
- 34th International Conference on ICT Systems Security and Privacy Protection (IFIP SEC 2019), Lisbon, Portugal, June 25-27, 2019.
- 2019 European Workshop on Security and Privacy in Edge Computing (EuroSPEC 2019), Stockholm, Sweden, June 16, 2019.
- 1st Workshop on Cloud Security and Privacy (CLOUD S&P 2019), Bogota, Colombia, June 6, 2019.
- 2nd EAI International Conference on Security and Privacy in New Computing Environments (SPNCE 2019), Tianjin, China, April 13-14, 2019.
- 3rd Italian Conference on CyberSecurity (ITASEC 2019), Pisa, Italy, February 12-15, 2019.
- 2018 IEEE Global Communications Conference: Communication & Information System Security, Abu Dhabi, UAE, December 9-13, 2018.
- 12th WISTP International Conference on Information Security Theory and Practice (WISTP 2018), Brussels, Belgium, December 11-12, 2018.
- 2018 IEEE International Conference on Big Data (IEEE BigData 2018), Seattle, WA, USA, December 10-13, 2018.
- 17th International Conference on Cryptology And Network Security (CANS 2018), Naples, Italy, September 30-October 3, 2018.
- Privacy in Statistical Databases (PSD 2018), Valencia, Spain. September 26-28, 2018.
- 14th International Conference on Information Security Practice and Experience (ISPEC 2018), Tokyo, Japan, September 25-27, 2018.
- 33rd International Conference on Information Security and Privacy Protection (IFIP SEC 2018), Poznan, Poland, September 18-20, 2018.
- 13th International Workshop on Data Privacy Management (DPM 2018), Barcelona, Spain, September 6-7, 2018.
- 14th International Workshop on Security and Trust Management (STM 2018), Barcelona, Spain, September 6-7, 2018.
- 15th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2018), Regensburg, Germany, September 5-6, 2018.
- 23rd European Symposium on Research in Computer Security (ESORICS 2018), Barcelona, Spain, September 3-7, 2018.
- 16th Annual Conference on Privacy, Security and Trust (PST 2018), Belfast, Northern Ireland, UK, August 28-30, 2018.
- 14th EAI International Conference on Security and Privacy in Communication Networks (SecureComm 2018), Singapore, Singapore, August 8-10, 2018.
- 32nd Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2018), Bergamo, Italy, July 16-18, 2018.
- 23rd Australasian Conference on Information Security and Privacy (ACISP 2018), Wollongong, Australia, July 11-13, 2018.
- 12th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2018), Toronto Canada, July 8-12, 2018.
- Workshop on Foundations of Computer Security (FCS 2018), Oxford, UK, July 8, 2018.
- 7th IEEE International Congress on Big Data (BigData Congress 2018), San Francisco, CA, USA, July 2-7, 2018.
- 13th ACM Asia Conference on Computer and Communications Security (ASIACCS 2018), Incheon, South

Korea, June 4-8, 2018.
- 4th IEEE Workshop on Security and Privacy in the Cloud (SPC 2018), Beijing, China, June 1, 2018.
- 2nd International Workshop on Big Data Analytics, Security and Privacy (BiDAS 2018), Essaouira, Morocco, May 8, 2018.
- 34th International Conference on Data Engineering (ICDE 2018), Paris, France, April 16-20, 2018.
- 2nd Italian Conference on CyberSecurity (ITASEC 2018), Milan, Italy, February 6-9, 2018.
- 4th IEEE World Forum on Internet of Things (WF-IoT 2018), Singapore, February 5-8, 2018.
- 13th Int'l Conf. on Information Systems Security (ICISS 2017), Bombay, India, December 16-20, 2017.
- 7th International Conference on e-Democracy (eDemocracy 2017), Athens, Greece, December 14-15, 2017.
- 2017 IEEE International Conference on Big Data (BigData 2017), Boston, MA, USA, December 11-14, 2017.
- 19th International Conference on Information and Communication Security (ICICS2017),Beijing, China, December 6-8, 2017.
- 2017 IEEE Global Communications Conference: Communication & Information System Security (GLOBECOM 2017), Singapore, December 4-8, 2017.
- 16th International Conference on Cryptology and Network Security (CANS 2017), Hong Kong, November 30-December 2, 2017.
- 16th ACM Workshop on Privacy in the Electronic Society (WPES 2017), Dallas, TX, USA, October 30, 2017.
- 13th EAI International Conference on Security and Privacy in Communication Networks (SecureComm 2017), October 22-24, 2017, Niagara Falls, Canada.
- 11th WISTP International Conference on Information Security Theory and Practice (WISTP 2017), Crete, Greece, September 28-29, 2017.
- 1st International Workshop on Security and Privacy Requirements Engineering (SECPRE 2017), Oslo, Norway, September 14-15, 2017.
- 1st European Workshop on Security and Privacy in Fog and Edge Computing (SPIFEC 2017), Oslo, Norway, September 14-15, 2017.
- 12th International Workshop on Data Privacy Management (DPM 2017), Oslo, Norway, September 14-15, 2017.
- 3rd Workshop on the Security of Industrial Control Systems and of Cyber-Physical Systems (CyberICPS 2017), Oslo, Norway, September 14-15, 2017.
- 22nd European Symposium on Research in Computer Security (ESORICS 2017), Oslo, Norway, September 11-13, 2017.
- 20th Information Security Conference (ISC 2017), Ho Chi Minh city, Viet Nam, September 6-8, 2017.
- 43rd International Conference on Very Large Data Bases (VLDB 2017), Munich, Germany, August 28-September 1, 2017.
- 14th International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2017), Lyon, France, August 28-31, 2017.
- 31st Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2017), Philadelphia, PA, USA, July 17-19, 2017.
- 11th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2017), Gothenburg, Sweden, June 12-16, 2017.
- 32nd IFIP TC 11 International Conference on ICT Systems Security and Privacy Protection (SEC 2017), Rome, Italy, May 29-31, 2017.
- 20th International Conference on Extending Database Technology (EDBT 2017), Venice, Italy, March 21-24, 2017.
- 1st Italian Conference on CyberSecurity (ITA-SEC 2017), Venice, Italy, January 18-20, 2017.
- 12th International Conference on Information Systems Security (ICISS 2016), Jaipur, India, December 16-20, 2016.
- Workshop on Models at Runtime & Networked Control for Cyber Physical Systems (MARTCPS 2016), Reston, VA, USA, December 12-14, 2016.
- 18th International Conference on Information and Communications Security (ICICS 2016), Singapore, November 29-December 2, 2016.
- 2016 IEEE International Conference on Big Data (BigData 2016), Washington, DC, USA, December 5-8, 2016.
- 2016 IEEE Global Communications Conference: Communication & Information System Security (GLOBECOM 2016), Washington, DC, USA, December 4-8, 2016.
- 12th International Conference on Information Security Practice and Experience (ISPEC 2016), Zhangjiajie,

China, November 16-18, 2016.
- 15th ACM Workshop on Privacy in the Electronic Society (WPES 2016), Vienna, Austria, October 24, 2016.
- 2nd Workshop on Security and Privacy in the Cloud (SPC 2016), Philadelphia, PA, USA, October 19, 2016.
- 4th IEEE Conference on Communications and Network Security (CNS 2016), Philadelphia, PA, USA, October 17-19, 2016.
- 12th International Conference on Security and Privacy in Communication Networks (SecureComm 2016), Guangzhou, China, October 10-12, 2016.
- 21st European Symposium on Research in Computer Security (ESORICS 2016), Crete, Greece, September 26-30, 2016.
- 10th IFIP WG 11.2 International Conference on Information Security Theory and Practice (WISTP 2016), Heraklion, Crete, Greece, September 26-27, 2016.
- 7th Privacy in Statistical Databases (PSD 2016), Dubrovnik, Croatia, September 14-16, 2016.
- 13th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2016), Porto, Portugal, September 5-8, 2016.
- 42nd International Conference on Very Large Data Bases (VLDB 2016), New Delhi, India, September 5-9, 2016.
- 19th Information Security Conference (ISC 2016), Honolulu, HI, USA, September 5-7, 2016.
- 11th International Conference on Availability, Reliability and Security (ARES 2016), Salzburg, Austria, August 31 - September 2, 2016.
- 9th International Conference on Trust & Trustworthy Computing (TRUST 2016), Vienna, Austria, August 29-30, 2016.
- 15th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom 2016), Tianjin, China, August 23-26, 2016.
- 30th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2016), Trento, Italy, July 18-21, 2016.
- 10th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2016), Darmstadt, Germany, July 18-22, 2016.
- 13th IEEE International Conference on Advanced and Trusted Computing (ATC 2016), Toulouse, France, July 18-21, 2016.
- 3rd International Workshop on Graphical Models for Security (GraMSec 2016), Lisbon, Portugal, June 27, 2016.
- 9th International Conference on Security for Information Technology and Communications (SECITS 2016), Bucharest, Romania, June 9-10, 2016.
- 11th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2016), Xi'an, China, May 31-June 3, 2016.
- 4th International Workshop on Security in Cloud Computing (SCC 2016), Xi'an, China, May 30, 2016.
- 31st IFIP TC-11 SEC 2016 International Information Security and Privacy Conference (SEC 2016), Ghent, Belgium, May 30-June 1, 2016.
- Smart City Security and Privacy Workshop (SCSP-W 2016), Vienna, Austria, April 11-14, 2016.
- 5th Conference on Principles of Security and Trust (POST 2016), Eindhoven, The Netherlands, April 2-8, 2016.
- 4th Workshop on Hot Issues in Security Principles and Trust (HotSpot 2016), Eindhoven, The Netherlands, April 2016.
- 19th International Conference on Extending Database Technology (EDBT 2016), Bordeaux, France, March 15-18, 2016.
- 9th International Workshop on Privacy and Anonymity in Information Society (PAIS 2016), Bordeaux, France, March 15, 2016.
- 6th International Conference on E-Democracy (eDemocracy 2015), Athens, Greece, December 10-11, 2015.
- 17th International Conference on Information and Communication Security (ICICS 2015), Beijing, China, December 9-12, 2015.
- 24th ACM International Conference on Information and Knowledge Management (CIKM 2015), Melbourne, Australia, October 19-23, 2015.
- 1st Workshop on the Security of Cyber Physical Systems (WOS-CPS 2015), Vienna, Austria, September 24-25, 2015.
- 4th International Workshop on Quantitative Aspects of Security Assurance (QASA 2015), Austria, September 24-25, 2015.
- 10th International Workshop on Data Privacy Management (DPM 2015), Vienna, Austria, September

24-25, 2015.
- 20th European Symposium on Research in Computer Security (ESORICS 2015), Vienna, Austria, September 21-25, 2015.
- 8th International Information Security Conference (ISC 2015), Trondheim, Norway, September 9-11, 2015.
- International Workshop on Multimedia Forensics and Security (MFSec 2015), Toulouse, France, August 24-28, 2015.
- 9th WISTP International Conference on Information Security Theory and Practice (WISTP 2015), Heraklion, Greece, August 24-25, 2015.
- 14th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom 2015), Helsinki, Finland, August, 20-22, 2015.
- 3rd International Conference on Human Aspects of Information Security, Privacy and Trust (HAS 2015), Los Angeles, CA, USA, August 2-7, 2015.
- 13th Annual Conference on Privacy, Security, and Trust (PST 2015), Izmir, Turkey, July 21-23, 2015.
- 2nd International Workshop on Graphical Models for Security (GraMSec 2015), Verona, Italy, July 13, 2015.
- 8th International Conference on Security for Information Technology and Communications (SECITS 2015), Bucharest, Romania, June 11-12, 2015.
- 20th ACM Symposium on Access Control Models and Technologies (SACMAT 2015), Vienna, Austria, June 1-3, 2015.
- 9th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2015), Hamburg, Germany, May 29, 2015.
- 30th IFIP TC-11 International Information Security and Privacy Conference (SEC 2015), Hamburg, Germany, May 26-28, 2015.
- 9th Web 2.0 Security and Privacy Workshop (W2SP 2015), San Jose, CA, USA, May 18-20, 2015.
- 11st International Conference on Information Security Practice and Experience (ISPEC 2015), Beijing, China, May 5-8, 2015.
- 2015 TILTing Perspectives Conference 'Under observation: Synergies, benefits and trade-offs of eHealth and surveillance', Tilburg, The Netherlands, April 22-23, 2015.
- 3rd Workshop on Hot Issues in Security Principles and Trust (HotSpot 2015), London, UK, April 18, 2015.
- 10th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2015), Singapore, April 14-17, 2015.
- 3rd International Workshop on Security in Cloud Computing (SCC 2014), Singapore, April 14, 2015.
- 1st Cyber-Physical System Security Workshop (CPSS 2015), Singapore, April 14, 2015.
- 4th Conference on Principles of Security and Trust (POST 2015), London, UK, April 11-19, 2015.
- 8th International Workshop on Privacy and Anonymity in the Information Society (PAIS 2015), Brussels, Belgium, March 27, 2015.
- 18th International Conference on Extending Database Technology (EDBT 2015), Brussels, Belgium, March 23-27, 2015.
- 19th International Conference on Financial Cryptography and Data Security (FC 2015), Isla Verde, Puerto Rico, January 26-30, 2015.
- Computers, Privacy and Data Protection (CPDP 2015), Brussels, Belgium, January 21-23, 2015.
- 16th International Conference on Information and Communications Security (ICICS 2014), Hong Kong, December 16-17, 2014.
- W3C Workshop on Privacy and User-Centric Controls, Berlin, Germany, November 20-21, 2014.
- 21st ACM Conference on Computer and Communications Security (CCS 2014), Scottsdale, Arizona, USA, November 3-7, 2014.
- 23rd ACM International Conference on Information and Knowledge Management (CIKM 2014), Shanghai, China, November 3-7, 2014.
- 13th ACM Workshop on Privacy in the Electronic Society (WPES 2014), Scottsdale, Arizona, USA, November 3, 2014.
- 13th International Conference on Cryptology and Network Security (CANS 2014), Heraklion, Crete, October 22-24, 2014.
- 17th Information Security Conference (ISC 2014), Hong Kong, China, October 12-14, 2014.
- 15th Joint IFIP TC6 and TC11 Conference on Communications and Multimedia Security (CMS 2014), Aveiro, Portugal, September 25-26, 2014.
- 10th International Conference on Security and Privacy in Communication Networks (SecureComm 2014), Beijing, China, September 24-26, 2014.
- 6th Privacy in Statistical Databases (PSD 2014), Eivissa, Balearic Islands, September 17-19, 2014.

- 9th DPM International Workshop on Data Privacy Management (DPM 2014), Wroclaw, Poland, September 10-11, 2014.
- 10th International Workshop on Security and Trust Management (STM 2014), Wroclaw, Poland, September 10-11, 2014.
- 3rd International Workshop on Quantitative Aspects in Security Assurance (QASA 2014), Wroclaw, Poland, September 10-11, 2014.
- 19th European Symposium on Research in Computer Security (ESORICS 2014), Wroclaw, Poland, September 7-11, 2014.
- 11th International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2014), Munich, Germany, September 1-5, 2014.
- 9th International Conference on Risks and Security of Internet and Systems (CRiSIS 2014), Trento, Italy, August 27-29, 2014.
- 12th International Conference on Privacy, Security and Trust (PST 2014), Toronto, Canada, July 23-24, 2014.
- 28th IFIP WG 11.3 Conference on Data and Application Security and Privacy (DBSec 2014), Vienna, Austria, July 14-16, 2014.
- 8th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2014), Singapore, July 7-10, 2014.
- 19th Australasian Conference on Information Security and Privacy (ACISP 2014), Wollongong, Australia, July 7-9, 2014.
- 8th International Conference on Software Security and Reliability (SERE 2014), San Francisco, CA, USA, June 30-July 2, 2014.
- 8th Workshop in Information Security Theory and Practice (WISTP 2014), Heraklion, Greece, June 23-25, 2014.
- 29th IFIP TC-11 International Information Security and Privacy Conference (SEC 2014), Marrakech, Morocco, June 2-4, 2014.
- 8th Workshop on Web 2.0 Security & Privacy (W2SP 2014), San Jose, CA, USA, May 18, 2014.
- 2nd International Workshop of Security and Privacy in Big Data (BigSecurity 2014), Toronto, Canada, April 27-May 2, 2014.
- 7th International Workshop on Privacy and Anonymity in Information Society (PAIS 2014), Athens, Greece, March 28 2014.
- 8th International Conference on Financial Cryptography and Data Security (FC 2014), Bardados, March 3-7, 2014.
- 15th International Conference on Information and Communications Security (ICICS 2013), Beijing, China, November 20-22, 2013.
- 12th ACM Workshop on Privacy in the Electronic Society (WPES 2013), Berlin, Germany, November 4, 2013.
- 5th ACM Cloud Computing Security Workshop (CCSW 2013), Berlin, Germany, November 9, 2013.
- 2013 IEEE International Conference on Big Data (IEEE Big Data 2013), Silicon Valley, CA, USA, October 6-9, 2013.
- 9th International Conference on Security and Privacy in Communication Networks (SecureComm 2013), Sydney, Australia, September 25-27, 2013.
- 14th Joint IFIP TC6 and TC11 Conference on Communications and Multimedia Security (CMS 2013), Magdeburg, Germany, September 25-26, 2013.
- 2nd International Workshop in Quantitative Aspects in Security Assurance (QASA 2013), Egham, UK, September 12-13, 2013.
- 9th International Workshop on Security and Trust Management (STM 2013), Egham, UK, September 12-13, 2013.
- 10th European PKI Workshop: Research and Applications (EuroPKI 2013), Egham, UK, September 12-13, 2013.
- 18th European Symposium on Research in Computer Security (ESORICS 2013), Egham, UK, September 9-13, 2013.
- 10th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2013), Prague, Czech Republic, August 26-30, 2013.
- 11th International conference on Privacy, Security and Trust (PST 2013), Tarragona, Spain, July 17-19, 2013.
- 27th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2013), Rutgers University, Newark, NJ, USA, July 15-17, 2013.

- 13th Privacy Enhancing Technologies Symposium (PETS 2013), Bloomington, Indiana, USA, July 10-12, 2013.
- 28th IFIP TC11 International Information Security Conference (IFIP SEC 2013), Auckland, New Zealand, July 8-10, 2013.
- 33rd International Conference on Distributed Computing Systems (ICDCS 2013), Philadelphia, PA, USA, July 8-11, 2013.
- 11th International Conference on Applied Cryptography and Network Security (ACNS 2013), Banff, Alberta, Canada, June 25-18, 2013.
- 26th IEEE International Symposium on Computer-Based Medical System (CBMS 2013), University of Porto, Portugal, June 20-22, 2013.
- 7th Int'l Conf. on Softw. Security and Reliability (SERE 2013), Gaithersburg, MA, USA, June 18-20, 2013.
- 18th ACM Symposium on Access Control Models and Technologies (SACMAT 2013), Amsterdam, The Netherlands, June 12-14, 2013.
- 7th International Conference on Trust Management (IFIPTM 2013), Malaga, Spain, June 3-7, 2013.
- 7th Workshop in Information Security Theory and Practice (WISTP 2013), Heraklion, Crete, May 28-30, 2013.
- 8th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2013), Hangzhou, China, May 8-10, 2013.
- 20th Annual Network & Distributed System Security Symposium (NDSS 2013), San Diego, California, USA, February 24-27, 2013.
- 1st Workshop on Privacy in Social Data (PinSoDa 2012), Brussels, Belgium, December 10, 2012.
- 28th Annual Computer Security Applications Conference (ACSAC 2012), Orlando, Florida, USA, December 3-7, 2012.
- 4th IEEE International Conference on Cloud Computing Technology Science (CloudCom 2012), Taipei, Taiwan, December 3-6, 2012.
- W3C Workshop: Do Not Track and Beyond, UC Berkeley, CA, USA, November 26-27, 2012.
- 1st International Conference on Security, Privacy and Applied Cryptography Engineering (SPACE 2012), Chennai, India, November 2-3, 2012.
- 14th International Conference on Information and Communications Security (ICICS 2012), Hong Kong, China, October 29-31, 2012.
- 6th International Conference on Mathematical Methods, Models and Architectures for Computer Network Security (MMM-ACNS 2012), St. Petersburg, Russia, October 17-20, 2012.
- 15th Information Security Conference (ISC 2012) Passau, Germany, September 19-21, 2012.
- 1st International Workshop in Quantitative Aspects in Security Assurance (QASA 2012), Pisa, Italy - September 14, 2012.
- 9th European PKI Workshop: Research and Applications (EuroPKI 2012), Pisa, Italy - September 13-14, 2012.
- 8th International Conference on Security and Privacy in Communication Networks (SecureComm 2012), Padua, Italy, September 3-6, 2012.
- 9th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2012), Vienna, Austria, September 3-7, 2012.
- 13th Joint IFIP TC6 and TC11 Conference on Communications and Multimedia Security (CMS 2012), Canterbury, UK, September 2-5, 2012.
- 26th Annual WG11.3 Conference on Data and Applications Security and Privacy (DBSec 2012), Paris, France, July 11-13, 2012.
- 12th Privacy Enhancing Technologies Symposium (PETS 2012), Vigo, Spain, July 11-13, 2012.
- 8th International Conference on Mobile Web Information Systems (MobiWIS 2012), Niagara Falls, Ontario, Canada, August 27-29, 2012.
- 25th IEEE Symposium on Computer Security Foundations (CSF 2012), Cambridge, USA, June 25-27, 2012.
- 17th ACM Symposium on Access Control Models and Technologies (SACMAT 2012), June 20-22, 2012.
- 9th Workshop in Information Security Theory and Practice (WISTP 2012), Egham, UK, June 19-22, 2012.
- 32nd International Conference on Distributed Computing Systems (ICDCS 2012), Macau, China, June 12-15, 2012.
- 27th IFIP International Information Security and Privacy Conference (SEC 2012), Heraklion, Crete, Greece, June 4-6, 2012.
- 6th IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2012), Surat, India, May 21-25, 2012.
- 5th European Workshop on Systems Security (EuroSec 2012), Bern, Switzerland, April 10, 2012.

- 5th International Workshop on Privacy and Anonymity in Information Society (PAIS 2012), Berlin, Germany, March 30, 2012.
- 4th International Symposium on Engineering Secure Software and Systems (ESSOS 2012), Eindhoven, The Netherlands, February 16-17, 2012.
- 7th International Conference on Information Systems Security (ICISS 2011), Kolkata, India, December 15-18, 2011.
- 27th Annual Computer Security Applications Conference (ACSAC 2011), Orlando, Florida, USA, December 5-9 2011.
- 13th International Conference on Information and Communication Security (ICICS 2011), Beijing, China, November 23-26, 2011.
- 5th Int'l Web Rule Symposium (RuleML2011@BFR), Fort Lauderdale, FL, USA, November 3-5, 2011.
- 14th Information Security Conference (ISC 2011), Xian, China, October 26-29, 2011.
- 12th Joint IFIP TC6 and TC11 Conference on Communications and Multimedia Security (CMS 2011), Ghent, Belgium, October 19-21, 2011.
- 8th International Conference on Mobile Web Information Systems (MobiWIS 2011), Niagara Falls, Ontario, Canada, September 19-21, 2011.
- 8th European Workshop on PKI, Services and Applications (EUROPKI 2011), Leuven, Belgium, September 15-16, 2011.
- 16th European Symposium On Research In Computer Security (ESORICS 2011), Leuven, Belgium, September 12-14, 2011.
- 7th International Conference on Security and Privacy in Communication Networks (SecureComm 2011), London, UK, September 7-9, 2011.
- IFIP Summer School on Privacy and Identity Management for Emerging Internet Applications throughout a Person's Lifetime, Trento, Italy, September 5-9, 2011.
- Workshop on Workflow Security Audit and Certification (WfSAC 2011), Clermont-Ferrand, France, August 29, 2011.
- 11th Privacy Enhancing Technologies Symposium (PETS 2011), Waterloo, ON, Canada, July 27-29, 2011.
- 5th International RuleML Symposium on Rules (RuleML2011@IJCAI) Barcelona, Spain, July 19-21, 2011.
- 9th Annual Conference on Privacy, Security and Trust (PST 2011), Montreal, QC, Canada, July 19-21, 2011.
- 25th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2011), Richmond, Virginia USA, July 11-13, 2011.
- 8th IEEE/FTRA International Conference on Secure and Trust Computing, Data Management, and Applications (STA 2011), Crete, Greece, June 28-30, 2011.
- 7th International Workshop on Security and Trust Management (STM 2011), Copenhagen, Denmark, June 27-28, 2011.
- 10th Workshop on Foundations of Computer Security (FCS 2011), Toronto, ON, Canada, June 20-25, 2011.
- 2nd International Workshop on Security and Privacy in Cloud Computing (SPCC 2011), Minneapolis, Minnesota, USA, June 20-24, 2011.
- 16th ACM Symposium on Access Control Models and Technologies (SACMAT 2011), Innsbruck, Austria, June 15-17, 2011.
- 4th International Workshop on Information Security Theory and Practices (WISTP 2011), Heraklion, Greece, June 8-11, 2011.
- 26th IFIP International Information Security Conference (SEC 2011), Lucerne, Switzerland, June 7-9, 2011.
- 12th IEEE International Symposium on Policies for Distributed Systems and Networks (POLICY 2011), Pisa, Italy, June 6-8, 2011.
- 4th International Workshop on Privacy and Anonymity in Information Society (PAIS 2011), Uppsala, Sweden, March 25, 2011.
- 6th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2011), Hong Kong, China, March 22-24, 2011.
- 12th International Conference on Information and Communications Security (ICICS 2010), Barcelona, Spain, December 15-17, 2010.
- 26th Annual Computer Security Applications Conf. (ACSAC 2010), Austin, Texas, December 6-10, 2010.
- 19th International Conference on Information and Knowledge Management (CIKM 2010), Toronto, Canada, October 26-30, 2010.
- 13th Information Security Conference (ISC 2010), Boca Raton, Florida, USA, October 25-28, 2010.
- 5th International Symposium on Information Security (IS 2010), Crete, Greece, October 25-26, 2010.
- 5th International Conference on Risks and Security of Internet and Systems (CRiSIS 2010), Montreal,

Canada, October 11-13, 2010.
- 2010 ACM Cloud Computing Security Workshop (ACM CCSW 2010), Chicago, IL, October 8, 2010.
- 9th ACM Workshop on Privacy in the Electronic Society (WPES 2010), Chicago, IL, USA, October 4, 2010.
- 7th European Workshop on Public Key Services, Applications and Infrastructures (EuroPKI 2010), Athens, Greece, September 23-24, 2010.
- 6th International Workshop on Security and Trust Management (STM 2010), Athens, Greece, September 23-24, 2010.
- 15th European Symposium On Research In Computer Security (ESORICS 2010), Athens, Greece, September 20-22, 2010.
- 25th IFIP Int'l Information Security Conference (SEC 2010), Brisbane, Australia, September 20-23, 2010.
- 4th Privacy in Statistical Databases (PSD 2010), Corfu, Greece, September 22-24, 2010.
- 7th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2010), Bilbao, Spain, 30 August-3 September 2010.
- Collaborative Methods for Security and Privacy (CollSec 2010), Washington, VA, USA, August 10, 2010.
- PrimeLife/IFIP Summer School 2010, Helsingborg, Sweden, August 2-6, 2010.
- 11th IEEE International Symposium on Policies for Distributed Systems and Networks (POLICY 2010), Fairfax, VA, USA, July 21-23, 2010.
- Workshop on Foundations of Security and Privacy (FCS-PrivMod 2010), Edinburgh, UK, July 14-15, 2010.
- 1st International Workshop on Security and Privacy in Cloud Computing (SPCC 2010), Genoa, Italy, June 21-25, 2010.
- 30th Int'l Conference on Distributed Computing Systems (ICDCS 2010), Genoa, Italy, June 21-25, 2010.
- ACM International SIGMOD Conference on Management of Data, Indianapolis, Indiana, June 6-11, 2010.
- 11th Joint IFIP TC6 and TC11 Conference on Communications and Multimedia Security (CMS 2010), Hagenberg, Austria, May 31-June 2, 2010.
- 5th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2010), Beijing China, April 13-16, 2010.
- 13th International Conference on Extending Database Technology (EDBT 2010), Lausanne, Switzerland, March 22-26, 2010.
- 3rd International Workshop on Privacy and Anonymity in the Information Society (PAIS 2010), Lausanne, Switzerland, March 22, 2010.
- 26th International Conference on Data Engineering (ICDE 2010), Long Beach, California, March 1-6, 2010.
- Workshop on Security and Privacy in Cloud Computing (SPCC 2010), Brussels, Belgium, January 29, 2010.
- 25th Annual Computer Security Applications Conf. (ACSAC 2009), Honolulu, Hawaii, December 2009.
- 1st ACM Workshop on Information Security Governance (WISG 2009), Chicago, Illinois, USA, November 13, 2009.
- 1st ACM Cloud Computing Security Workshop (CCSW 2009), Chicago, Illinois, USA, November 13, 2009.
- 16th ACM Conference on Computer and Communications Security (CCS 2009), Chicago, Illinois, USA, November 9-13, 2009.
- 4th International Symposium on Information Security (IS 2009), Algarve, Portugal, November 1-6, 2009.
- 4th International Conference on Risks and Security of Internet and Systems (CRiSIS 2009), Toulouse, France, October 19-22, 2009.
- 5th International Workshop on Security and Trust Management, (STM 2009), Saint Malo, France, September 24-25, 2009.
- 14th European Symposium On Research In Computer Security (ESORICS 2009), Saint Malo, France, September 21-25, 2009.
- 5th International Conference on Security and Privacy in Communication Networks (SecureComm 2009), Athens, Greece, September 14-18, 2009.
- 6th European Workshop on Public Key Services (EUROPKI 2009), Pisa, Italy, September 9-11, 2009.
- PrimeLife Summer School, Nice, France, September 7-11, 2009.
- 10th IEEE International Symposium on Policies for Distributed Systems and Networks (POLICY 2009), London, UK, July 20-22, 2009.
- 23rd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2009), Montreal, Canada, July 12-15, 2009.
- 22nd IEEE Computer Security Foundations Symposium (CSF 2009), New York, USA, July 8-10, 2009.
- 29th International Conference on Distributed Computing Systems (ICDCS 2009), Montreal, Quebec, Canada, June 22-26, 2009.
- 24th IFIP International Information Security Conference (SEC 2009), Pafos, Cyprus, May 18-20, 2009.

- IEEE Symposium on Computational Intelligence in Cyber Security (CICS 2009), Nashville, TN, USA, March 30 - April 2, 2009.
- 2nd Workshop on Privacy in Information Society (PAIS 2009), Saint Petersburg, Russia, March 22, 2009.
- 4th ACM Symposium on InformAtion, Computer and Communications Security (ASIACCS 2009), Sydney, Australia, March 17-19, 2009.
- 4th International Conference on Information Systems Security (ICISS 2008), University of Hyderabad, India, December 16-20, 2008.
- 3rd International Symposium on Information Security (IS 2008), Monterrey, Mexico, November 10-11, 2008.
- 15th ACM Conference on Computer and Communications Security (CCS 2008), Alexandria, VA, USA, October 27-31, 2008.
- 7th ACM Workshop on Privacy in the Electronic Society (WPES 2008), Alexandria, VA, USA, October 27, 2008.
- 13th European Symposium On Research In Computer Security (ESORICS 2008), Malaga, Spain, October 6-8, 2008.
- 4th International Conference on Security and Privacy in Communication Networks (SecureComm 2008), Instambul, Turkey, September 22-25, 2008.
- 11th Information Security Conference (IS 2008), Taipei, Taiwan, September 15-18, 2008.
- 5th International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2008), Turin, Italy, September 1-5, 2008.
- 8th Brazilian Symposium on Information and Computer System Security (SBSeg 2008), Gramado, Brazil, September 1-5, 2008.
- 22nd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2008), London, UK, July 13-16, 2008.
- 4th International Conference on Global E-Security (ICGeS 2008), Docklands, UK, June 23-25, 2008.
- 28th Int'l Conference on Distributed Computing Systems (ICDCS 2008) Beijing, China, June 17-20, 2008.
- Joint iTrust and PST Conference on Privacy, Trust Management and Security (IFIPTM 2008), Norway, June 16-20, 2008.
- 4th International Workshop on Security and Trust Management, Trondheim, Norway, June 16-17, 2008.
- IEEE International Conference on Sensor Networks, Ubiquitous, and Trustworthy Computing (SUTC 2008), Taichung, Taiwan, June 11-13, 2008
- 9th IEEE Workshop on Policies for Distributed Systems and Networks (POLICY 2008), Palisades, NY, USA, June 2-4, 2008.
- 2nd Workshop in Information Security Theory and Practices 2008: Smart Devices, Convergence and Next Generation Networks (WISTP 2008), Sevilla, Spain, May 13-16, 2008.
- 1st International Workshop on Privacy and Anonymity in the Information Society (PAIS 2008), Nantes, France, March 29, 2008.
- 23rd ACM Symposium on Applied Computing (SAC 2008), Fortaleza, Ceara, Brazil, March 16-20, 2008.
- Workshop on Privacy Enforcement and Accountability With Semantics (PEAS 2007), Busan, Korea, November 12, 2007.
- 14th ACM Conference on Computer and Communications Security (CCS 2007), Alexandria, VA, USA, October 29 - November 2, 2007.
- 1st ACM Workshop on Information and Communications Security Standards and Regulations (StaR SEC 2007), Alexandria, VA, USA, October 29, 2007.
- 6th ACM Workshop on Privacy in the Electronic Society, Alexandria (WPES 2007), VA, USA, October 29, 2007.
- 3rd European Conference on Computer Network Defense (EC2ND 2007), Heraklion, Crete, Greece, October 4-5, 2007.
- 10th Information Security Conference (ISC 2007), Valparaiso, Chile, October 9-12, 2007.
- 33rd International Conf. on Very Large Databases (VLDB 2007), Vienna, Austria, September 25-28, 2007.
- 12th European Symposium On Research In Computer Security (ESORICS 2007), Dresden, Germany, September 24-26, 2007.
- 13th New Security Paradigms Workshop (NSPW 2007), New Hampshire, USA, September 18-21, 2007.
- 3rd International Conference on Security and Privacy in Communication Networks (SecureComm 2007), Nice, France, September 17-21, 2007.
- Joint iTrust and PST Conferences on Privacy, Trust Management and Security (IFIPTM 2007), Moncton, New Brunswick, Canada, July 30 - August 2, 2007.
- 21st Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2007), Redondo Beach, CA, USA, July 8-11, 2007.

- 20th IEEE Computer Security Foundations Symposium (CSF 2007), Venice, Italy, July 6-8, 2007.
- 22nd IFIP TC-11 International Information Security Conference (SEC 2007), Sandton, South Africa, May 14-16, 2007.
- 1st Workshop in Information Security Theory and Practices 2007: Smart Cards, Mobile and Ubiquitous Computing Systems (WISTP 2007), Heraklion, Crete, Greece, May 9-11, 2007
- 23rd IEEE International Conference on Data Engineering (ICDE 2007), Istanbul, Turkey, April 16-20, 2007.
- 2th International Conference on Database Systems for Advanced Applications (DASFAA 2007), Bangkok, Thailand, April 9-12, 2007.
- 22nd ACM Symposium on Applied Computing (SAC 2007), Seoul, Korea, March 11-15, 2007.
- 2nd International Conference on Information Systems Security (ICISS 2006), December 17-21, 2006.
- 8th International Conference on Information and Communications Security (ICICS 2006), Raleigh, NC, USA, December 4-7, 2006.
- 2nd International Semantic Web Policy Workshop (SWPW 2006), Athens, GA, USA, November 5-9, 2006.
- 4th ACM Workshop on Formal Methods in Security Engineering (FMSE 2006), Alexandria, VA, USA, November 3, 2006.
- 13th ACM Conference on Computer and Communications Security (CCS 2006), Alexandria, VA, USA, October 30-November 3, 2006.
- 5th ACM Workshop on Privacy in the Electronic Society (WPES 2006), Alexandria, VA, USA, October 30, 2006.
- 1st European Workshop on Technological & Security Issues in Digital Rights Management (EuDiRIghts 2006), Hamburg, Germany, September 9, 2006.
- 3rd International Conference on Trust and Privacy in Digital Business (TrustBus 2006), Krakov, Poland, September 4-8, 2006.
- 9th Information Security Conference (IS 2006), Pythagoras, Greece, August 30 - September 2, 2006.
- 4th International Workshop on Formal Aspects in Security & Trust (FAST 2006), Hamilton, Ontario, August 26-27, 2006.
- 20th Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2006), Sophia Antipolis, France, July 31-August 2, 2006.
- IEEE Symposium on Network Security and Information Assurance, Istanbul, Turkey, June 11-15, 2006.
- 4th International Conference on Applied Cryptography and Network Security Conference (ACNS 2006), Singapore, June 6-9, 2006.
- 7th IEEE International Workshop on Policies for Distributed Systems and Networks (POLICY 2006), London, Ontario, Canada, June 5-7, 2006.
- Models of Trust for the Web (MTW 2006), Edinburgh, Scotland, May 22-26, 2006.
- 4th Working Conference on Privacy and Anonymity in Networked and Distributed Systems (I-NetSec 2006), Karlstad, Sweden, May 22-24, 2006.
- 21st IFIP International Information Security Conference (SEC 2006), Karlstad, Sweden, May 22-24, 2006.
- 4th Trust Management Conference (iTrust 2006), Pisa, Italy, May 16-19, 2006.
- 21st ACM Symposium on Applied Computing (SAC 2006), Dijon, France, April 23-27, 2006.
- 2nd International Conference on Global e-Security (ICGES 2006), London, UK, April 20-22, 2006.
- 20th IEEE Advanced Inf. Networking and Applications (AINA 2006), Vienna, Austria, April 18-20, 2006.
- 2nd Int'l Workshop on Privacy Data Management (PDM 2006), Atlanta, Georgia, USA, April 8, 2006.
- 1st International Workshop on Security and Trust in Decentralized/Distributed Data Structures (STD3S 2006), Atlanta, GA, USA, April 3-7, 2006.
- 1st ACM Symposium on Information Communication and Computer Security (ASIACCS 2006), Taipei, Taiwan, March 21-24, 2006.
- 5th IEEE International Symposium on Signal Processing and Information Technology (ISSPIT 2005), Athens, Greece, December 18-21, 2005.
- 1st International Conference on Information Security (ICIS 2005) Kolkata, India, December 19-21, 2005.
- Workshop on Privacy and Security Aspects of Data Mining, Houston, Texas, USA, November 27, 2005.
- 2nd ACM Workshop on Storage Security and Survivability (StorageSS 2005), Fairfax, Virginia, USA, November 11, 2005.
- 4th ACM Workshop on Privacy in the Electronic Society (WPES 2005), Alexandria, VA, USA, November 7, 2005.
- 8th Information Security Conference (ISC 2005), Singapore, September 20-23, 2005.
- 2nd International Conference on Trust, Privacy, and Security in Digital Business (TrustBus 2005), Copenhagen, Denmark, August 22-26, 2005.
- 19th Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2005), Storrs,

CT, USA, August 7-10, 2005.
- 1st Int'l Workshop on Security and Trust Management (STM 2005), Milan, Italy, September 15, 2005.
- 4th International Workshop on Agents and Peer-to-Peer Computing (AP2PC 2005), Utrecht, Netherlands, July 25-29, 2005
- 10th Australasian Conf. on Inf. Security and Privacy (ACISP 2005), Brisbane, Australia, July 4-6, 2005.
- 3rd Applied Cryptography and Network Security Conf. (ACNS 2005), New York City, June 7-10, 2005.
- 6th IEEE International Workshop on Policies for Distributed Systems and Networks (POLICY 2005), Stockholm, Sweden, June 6-8, 2005.
- 2nd International Workshop on Security in Distributed Computing Systems (SDCS 2005), Columbus, OH, USA, June 6-9, 2005.
- IEEE Symposium on Security and Privacy (IEEE S&P 2005), Oakland, CA, USA, May 8-11, 2005.
- 20th IFIP Int'l Information Security Conference (SEC 2005), Makuhari, Japan, May 30 - June 1, 2005.
- 1st International Workshop on Privacy Data Management (PDM 2005), Tokyo, Japan, April 9, 2005.
- Web Technologies and Applications - Special Track of the 20th ACM Symposium on Applied Computing (SAC 2005), Santa Fe, New Mexico, March 13-17, 2005.
- 2nd Conference on Secure Communication and the Internet, Cairo, Egypt, December 27-29, 2004.
- 1st International Conference on Distributed Computing and Internet Technology (ICDCIT 2004), Bhubaneswar, India, December 22-24, 2004.
- Workshop on Privacy and Security Aspects of Data Mining, Brighton, UK, November 1, 2004.
- 3rd ACM Workshop on Privacy in the Electronic Society (WPES 2004), Washington, DC, USA October 28, 2004
- 8th IFIP TC-6&11 Conference on Communication and Multimedia Security (CMS 2004), Lake Windermere, UK, September 15-18, 2004.
- 1st International Conference on Trust and Privacy in Digital Business (TrustBus 2004), Zaragoza, Spain, August 30 - September 3, 2004.
- 2nd International Workshop on Certification and Security in Inter-Organizational E-Services (CSES 2004), Toulouse, France, August 26-27, 2004.
- 19th IFIP Int'l Information Security Conference (SEC 2004), Toulouse, France, August 23-26, 2004.
- 2nd Int. Workshop on Formal Aspects in Security & Trust (FAST 2004), Toulouse, France, Aug. 22, 2004.
- 3rd International Workshop on Agents and Peer-to-Peer Computing, (AP2PC 2004), New York, NY, USA, July 19-23, 2004.
- 1st Eur. PKI Workshop: Research and Applications (EuroPKI 2004), Samos, Greece, June 25-26, 2004.
- 1st Workshop on Databases In Virtual Organizations (DIVO 2004), Paris, June 17, 2004.
- 5th IEEE International Workshop on Policies for Distributed Systems and Networks (POLICY 2004), New York, June 7-9, 2004.
- IEEE Symposium on Security and Privacy, Oakland (IEEE S&P 2004), CA, USA, May 9-12, 2004.
- 19th Annual Computer Security Applications Conference (ACSAC 2003), Las Vegas, NV, December 8-12, 2003.
- 10th ACM Conf of Computer and Communications Security (CCS 2003), Washington, DC, USA, October 27-31, 2003.
- 1st Int. Conf. on Applied Cryptography and Network Security (ACNS 2003), Kunming, China, Oct. 16-19, 2003.
- 1st Int. Workshop on Formal Aspects in Security & Trust (FAST 2003), Pisa, Italy, September 8-9, 2003.
- 17th IFIP WG 11.3 Annual Working Conference on Data and Applications Security (DBSec 2003), Estes Park, Colorado, USA, August 4-6, 2003.
- 2nd Int. Workshop on Agents and Peer-to-Peer Computing (AP2PC 2003), Melbourne, Australia, July 14-15, 2003.
- 2003 Workshop on Foundations of Computer Security (CSFW 2003), Ottawa, Canada, June 26-27, 2003.
- 4th IEEE Int. Workshop on Policies for Distributed Systems and Networks (POLICY 2003), Como, Italy, June 4-6, 2003.
- 2nd Int. IFIP Working Conf. on Network and Distr. System Security, Athens, Greece, May 26-28, 2003.
- 1st IEEE International Security In Storage Workshop, Greenbelt, Maryland, USA, December 11, 2002.
- 18th Annual Computer Security Applications Conference (ACSAC 2002), Las Vegas, NV, USA, Dec. 9-13, 2002.
- 20th Int. Conference on Conceptual Modeling (ER 2001), Yokohama, Japan, November 26-30, 2001.
- 9th ACM Conf of Computer and Communications Security (CCS 2002), Washington, DC, USA, November 17-21, 2002.
- 7th European Symp. On Research In Computer Security (ESORICS 2002), Zurich, CH, Oct. 14-16, 2002.

- IFIP TC-11 International Conference on Information Security (SEC 2002), Cairo, Egypt, May 6-8, 2002.
- 17th Annual Computer Security Applications Conference (ACSAC 2001), New Orleans, LA, USA, Dec. 10-14, 2001.
- 1st Int. IFIP WG11.4 Conf. on Network Security (I-NetSec 2001), Leuven, Belgium, Nov. 26-27, 2001.
- 3rd Int. Conf. on Information and Communication Security (ICICS 2001), Xian, China, Nov. 13-16, 2001.
- Sistemi Evoluti di Basi Dati (SEBD 2001), Venezia, Italy, June 27-29, 2001.
- 16th IFIP TC11 International Conference on Information Security (SEC 2001), Paris, France, June 11-13, 2001,
- 1st Workshop on Security and Privacy in E-Commerce, Athens, Greece, November 4, 2000.
- 7th ACM Conference of Computer and Communications Security (CCS 2000), Athens, Greece, November 1-4, 2000.
- 6th European Symp. On Research In Computer Security (ESORICS 2000), Tolouse, FR, Oct. 4-6, 2000.
- 16th IFIP TC11 Conference on Information Security, Beijing (SEC 2000), China, August 21-25, 2000.
- IEEE Symposium on Security and Privacy (IEEE S&P 2000), Oakland, CA, USA, May 14-17, 2000.
- VII Conference on Extending Database Technology (EDBT 2000), Konstanz, Germany, March 27-31, 2000.
- Workshop on Electronic Commerce and Security (DEXA 1999), Florence, Italy, Aug. 30 - Sept. 3, 1999.
- IEEE Computer Security Foundations Workshop (CSF 1999), Mordano, Italy, June 28-30, 1999.
- ACM Conference on Computer and Communications Security (CCS 1998), San Francisco, CA, USA, Nov 2-5, 1998.
- IFIP WG 11.5 Working Conf. on Integrity and Control in Information Systems, VA, USA, Nov 1998.
- 5th European Symposium on Research in Computer Security, (ESORICS 1998) Belgium, September 16-18, 1998.
- IFIP-TC11 Conference on Information Security (SEC 1998), Vienna, Austria, September 1998.
- DEXA Workshop on Security and Integrity of Data Intensive Applications, Vienna, Austria, August 1998.
- IEEE Symposium on Security and Privacy (IEEE S&P 1998), Oakland, CA, USA, May 3-6, 1998.
- ACM SIGSAC Workshop on New Security Paradigms (NSPW 1997), Great Langdale, Cumbria, UK, Sept. 23-26, 1997.
- IEEE Symposium on Security and Privacy (IEEE S&P 1997), Oakland, CA, USA, May 4-7, 1997.
- 4th European Symp. On Research In Computer Security (ESORICS 1996), Roma, Italy, September 25-27, 1996.
- ACM SIGSAC Workshop on New Security Paradigms (NSPW 1996), Lake Arrowhead, CA, USA, September 16-19, 1996.
- ACM SIGSAC Workshop on New Security Paradigms (NSPW 1995), La Jolla, CA, USA, August 22-25, 1995.
- 2nd ACM Conference on Computer and Communications Security (CCS 1994), Fairfax, VA, USA, November 2-4, 1994.
- ACM Conf. on Object-Oriented Programming Systems, Languages, and Appl. (OOPSLA 1994)), Portland, USA, Oct. 1994.
- International Symposium on Object-Oriented Methodologies and Systems (ISOOMS 1994), Palermo, Italy, September 1994.

5.7 Participation in panels of conferences and workshops

- "Future of AI, GenAI and Cybersecurity," in 38th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2024), San Jose, CA, USA, July 16, 2024.
- "University Research for Cybersecurity: SERICS project within the National Recovery and Resilience Plan," in the 3rd CyberSec International Conference, Rome, Italy, March 6-7, 2024.
- "Privacy-preserving technologies? - A key enabler of big data for AI," in the European Big Data Value Forum (EBDVF), Virtual event, November 3-5, 2020.
- "Recent Trends and Challenges in Communications, Computing, Cybersecurity and Informatics," in 2020 International Conference on Communications, Computing, Cybersecurity, and Informatics (CCCI 2020), Virtual conference, November 3-5, 2020.
- "Shaping the Digital Future: Current Research Challenges and Beyond," in Digitalize in Stockholm, Stockholm, Sweden, November 25-27, 2019.
- "ICT Technology for Smart Cities and Homes," in International Joint Conference on e-Business and Telecommunications (ICETE 2013), Reykjavik, Iceland, July 29-31, 2013.
- "Recent Advances in the Security of Telecommunication and Network Systems," in International Joint Conference on e-Business and Telecommunications (ICETE 2012), Rome, Italy, July 24-27, 2012.
- "Data and Applications Security: Status and Prospects," in 25th Annual IFIP WG11.3 Conference on Data

and Applications Security and Privacy (DBSec 2011) Richmond, Virginia USA, July 11-13, 2011.
- "Future Challenges in Telecommunications and Computer Networking," in 7th International Conference on e-Business and Telecommunications (ICETE 2010), Athens, Greece, July 26-28, 2010.
- "e-Business: Socio-Technical Challenges and Strategies," in International Joint Conference on e-Business and Telecommunications (ICETE 2009), Milan, Italy, July 7-10, 2009.
- "The Role of Data and Application Security in Homeland Security," in 18th IFIP WG11.3 Working Conference on Database and Application Security, Sitges, Spain, July 25-28, 2004.
- "Privacy and Civil Liberties," in 16th IFIP WG11.3 Working Conference on Database and Application Security, Cambridge, UK, July 29-31, 2002.
- "XML and Security," in 15th IFIP WG11.3 Working Conference on Database and Application Security, Niagara on the Lake, Ontario, Canada, July 15-18, 2001.
- "Privacy Issues in WWW and Data Mining," in 12th IFIP WG11.3 Working Conference on Database Security, Tessaloniki, Greece, July 15-17, 1998.
- "Data Warehousing, Data Mining, and Security," in 11th IFIP WG11.3 Working Conference on Database Security, Lake Tahoe, CA, USA, August 10-13, 1997.
- "Role-Based Access Control and Next Generation Security Models," in 9th IFIP WG11.3 Working Conference on Database Security, Rensselaerville, NY, USA, August 13-16, 1995.

5.8 Invited talks

Keynotes

- "Data Security and Privacy in Emerging Scenarios," in International Conference on Complex Systems and Intelligent Computing (ICCSIC 2026), Tabarka, Tunisia, March 26–29, 2026.
- "Data Privacy and Security in Distributed Collaborative Scenarios ," in 12th International Conference on Information Systems Security and Privacy (ICISSP 2026), Marbella, Spain, March 4-6, 2026.
- "Data Privacy and Security in Distributed Collaborative Scenarios," in 21st International Conference on Web Information Systems and Technologies (WEBIST 2025), Marbella, Spain, October 22, 2025.
- "Data Privacy and Security in Distributed Collaborative Scenarios," in 30th European Symposium on Research in Computer Security (ESORICS 2025), Toulouse, France, September 24, 2025.
- "Data Security and Privacy in Emerging Scenarios," in 9th IEEE International Forum on Research and Technologies for Society and Industry (IEEE RTSI 2025), Gammarth, Tunisia, August 24-26, 2025.
- "Data Security and Privacy in Emerging Scenarios," in 20th International Conference on Information Security (ICISS 2024), Jaipur, India, December 18, 2024.
- "Data Security and Privacy in Smart Grid Services and Applications," in IEEE International Conference on Communications, Control, and Computing Technologies for Smart Grids (IEEE SmartGridComm 2024), Oslo, Norway, September 17-20, 2024.
- "Privacy and AI in Emerging Scenarios," in Harmonising Privacy and AI across the Cloud-Edge Continuum, Cork, Ireland, March 12, 2024.
- "Data Security and Privacy in Emerging Scenarios," in 18th International Conference on Availability, Reliability and Security (ARES 2023), Benevento, Italy, August 29-September 01, 2023.
- "Controlled Data Sharing in Distributed Collaborative Scenarios," 20th Annual International Conference on Privacy, Security & Trust (PST 2023), Copenhagen, Denmark, August 21-23, 2023.
- "Controlled Data Sharing in Distributed Collaborative Scenarios," 37th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2023), Sophia Antipolis, France, July 19-21, 2023.
- "Data Security and Privacy in Emerging Scenarios," 12th International Conference on Cloud Computing and Services Science (CLOSER 2022), April 27-29, 2022.
- "Data Security and Privacy in Emerging Scenarios," 8th International Conference on Information Systems Security and Privacy (ICISSP 2022), February 9-11, 2022 (virtual conference).
- "Data Security and Privacy in Emerging Scenarios," 26th Australasian Conference on Information Security and Privacy (ACISP 2021), December 1, 2021 (virtual conference).
- "Data Security and Privacy in Emerging Scenarios," International Conference on Cyberspace Data and Intelligence 2021 (CyberDI 2021), November 27, 2021 (virtual conference).
- "Data Security and Privacy in Emerging Scenarios," 24th Information Security Conference (ISC 2021), Denpasar, Indonesia, November 11, 2021.
- "Data Security and Privacy in Emerging Scenarios," 4th ISEA Virtual International Conference on Security and Privacy (ISEA-ISAP 2021), Dhanbad, Jharkhand, October 27-30, 2021.
- "Privacy nella Società Digitale," Festival Informatici Senza Frontiere, Rovereto, Italy, October 21-23, 2021.
- "Data Security and Privacy in Emerging Scenarios," 2021 IEEE International Conference on Computing, Power, and Communication Technologies (GUCON 2021), September 24-26, 2021.

- "Data Security and Privacy in Emerging Scenarios," 14th International Conference on Knowledge Science, Engineering and Management (KSEM 2021), August 14-16, 2021.
- "Data Security and Privacy in Emerging Scenarios," 3rd Summit on Gender Equality in Computing (GEC 2021), July 2, 2021.
- "Data Security and Privacy in Emerging Scenarios," SySMA seminar, IMT Lucca, March 25, 2021 (seminar).
- "Privacy and Anonymity in Data Release," FLARE Distinguished Lecture Series, February 25, 2021 (webinar).
- "Data Security and Privacy in Emerging Scenarios," in 2020 International Conference on Communications, Computing, Cybersecurity, and Informatics (CCCI 2020), Virtual conference, November 3-5, 2020.
- "Data Security and Privacy in Emerging Scenarios," in Digitalize in Stockholm, Stockholm, Sweden, November 27, 2019.
- "Data Security and Privacy in Emerging Scenarios," in 7th International Conference on Future Internet of Things and Cloud (FiCloud 2019), Istanbul, Turkey, August 26, 2019.
- "Data Security and Privacy in Emerging Scenarios," in 16th International Conference on Advanced and Trusted Computing (ATC 2019), Leicester, U.K., August 19-23, 2019.
- "Data Security and Privacy in the Cloud," in 6th IEEE International Conference on Cyber Security and Cloud Computing (IEEE CSCloud 2019), Paris, France, June 22, 2019.
- "Data Security and Privacy in Emerging Scenarios," in 2019 European Workshop on Security and Privacy in Edge Computing (EuroSPEC 2019), Stockholm, Sweden, June 16, 2019.
- "Data Security and Privacy in Emerging Scenarios," in 2019 SPIE DCS Mobile Multimedia/Image Processing, Security, and Applications Conference, Baltimore, MD, USA, April 14-18, 2019.
- "Data Security and Privacy in Emerging Scenarios," in 17th International Conference on Cryptology And Network Security (CANS 2018), Naples, Italy, October 2, 2018.
- "Data Security and Privacy in the Cloud," in 3rd IEEE International Conference on Smart Cloud (SmartCloud 2018), New York, NY, USA, September 22, 2018.
- "Data Protection in Emerging Scenarios," in Second Italian Conference on Cybersecurity (ITASEC 2018), Milan, Italy, February 9, 2018.
- "Protezione dei Dati in Scenari Emergenti," in Cyber Security - L'Evoluzione della Sicurezza nell'Ecosistema 4.0, Milan, Italy, October 2, 2017.
- "Data Security and Privacy in the Cloud," in Italian Symposium on Advanced Database Systems (SEBD 2017), Squillace Lido, Italy, June 25, 2017 (tutorial).
- "Data Security and Privacy in the Cloud," in III Jornadas Nacionales de Investigacion en Ciberseguridad (JNIC 2017), Madrid, Spain, June 1, 2017.
- "Data Protection in Emerging Scenarios," in IT-CNR Day, Pisa, Italy, November 17, 2016.
- "Security and Privacy in the Cloud," in 6th International Conference on Cloud Computing and Services Science (CLOSER 2016), Rome, Italy, April 23-25, 2016.
- "Data Security and Privacy in the Cloud," in 11th International Conference on Information Systems Security (ICISS 2015), Kolkata, India, December 16-20, 2015.
- "Enforceable Security in the Cloud to Uphold Data Ownership," in 1st IEEE Workshop on Security and Privacy in the Cloud," Florence, Italy, September 30, 2015.
- "Data Security and Privacy in the Cloud," in 10th DPM International Workshop on Data Privacy Management (DPM 2015) and 4th International Workshop on Quantitative Aspects of Security Assurance (QASA 2015), Vienna, Italy, September 21, 2015.
- "Data Security and Privacy in the Cloud," in 10th International Conference on Availability, Reliability and Security (ARES 2015), Toulouse, France, August 24-28, 2015.
- "Privacy Risks in Emerging Scenarios," in 2015 IEEE Symposium on Analytics and Risk in Complex Management System, Beijing, China, August 14, 2015.
- "Privacy Risks in Emerging Scenarios," in 3rd International Conference on Value Engineering and Project Management, Beijing, China, August 13, 2015.
- "Data Security and Privacy in Emerging Scenarios," in The 2015 Smart World Congress, Beijing, China, August 10-14, 2015.
- "Data Security and Privacy in the Cloud," in 2nd UAE Cyber Security Day 2015, Abu Dhabi, United Arab Emirates, April 20, 2015.
- "Data Protection in the Cloud," in 7th International Conference on Trust & Trustworthy Computing (TRUST 2014), Heraklion, Crete, Greece, June 30 - July 2, 2014.
- "Data Security and Privacy in the Cloud," in 10th International Conference on Information Security Practice and Experience (ISPEC 2014), Fuzhou, China, May 5-8, 2014.
- "Security and Privacy in the Cloud," in IEEE International Workshop on Information Forensics and Security

(WIFS 2013), Guangzhou, China, November 18-21, 2013.
- "Data Security and Privacy in the Cloud," in Institute for Infocomm Research, Singapore, November 14, 2013.
- "Data Security and Privacy in the Cloud," in 7th IFIP WG 11.11 International Conference on Trust Management, Malaga, Spain, June 3-7, 2013.
- "Data Protection in the Cloud," in ARO Workshop on Cloud Security, Fairfax, VA, USA, March 11-12, 2013.
- "Privacy and Data Protection in Cloud Scenarios," in 5th International Conference on Security of Information and Networks (SIN 2012), Jaipur, India, October 22-26, 2012.
- "Data Protection in the Cloud," in International Conference on Security, Privacy and Applied Cryptography Engineering (SPACE 2012), Chennai, India, November 2-3, 2012.
- "Managing and Accessing Data in the Cloud: Privacy Risks and Approaches," in 7th International Conference on Risks and Security of Internet and Systems (CRiSIS 2012), Cork, Ireland, October 10-12, 2012.
- "Supporting User Privacy Preferences in Digital Interactions," in 7th International Workshop on Data Privacy Management (DPM 2012), Pisa, Italy, September 13-14, 2012.
- "Providing Support for User Privacy Preferences," in IEEE International Workshop on Semantics, Security, and Privacy (WSSP 2011), Palo Alto, California, USA, September 21, 2011.
- "Policy Specification and Enforcement in Emerging Scenarios," in IEEE International Symposium on Policies for Distributed Systems and Networks (POLICY 2011), Pisa, Italy, June 6-8, 2011.
- "Protecting Data Privacy in Emerging Scenarios," in 10th Brazilian Symposium on Information and Computer System Security (SBSeg 2010), Fortaleza, Brasil, October 11-15, 2010.
- "Privacy in Data Publication," in 10th Brazilian Symposium on Information and Computer System Security (SBSeg 2010), Fortaleza, Brasil, October 11-15, 2010. [Tutorial]
- "Data Privacy in Outsourcing Scenarios," in 7th European Workshop on Public Key Services, Applications, and Infrastructures (EUROPKI 2010), Athens, Greece, September 23-24, 2010.
- "Protecting Data Privacy in Data Outsourcing and Publication," in 6th International ICST Conference on Security and Privacy in Communication Networks (SecureComm 2010), Singapore, September 7-9, 2010.
- "Protecting Privacy in Data Publishing," in Institute for Infocomm Research, Singapore, September 6, 2010.
- "Protecting Confidentiality in External Data Storage," in 1st International Workshop on Security and Privacy in Cloud Computing (SPCC 2010), Genoa, Italy, June 25, 2010.
- "Data Protection in Outsourcing Scenarios: Issues and Directions," in 5th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2010), Beijing, China, April 13-16, 2010.
- "Protecting Data Privacy in Outsourcing Scenarios," in 3rd International Workshop on Privacy and Anonymity in the Information Society (PAIS 2010), Lausanne, Switzerland, March 22, 2010.
- "Protecting Data Privacy in Outsourcing Scenarios," in Illinois Institute of Technology, Chicago, Illinois, USA, November 11, 2009.
- "Protecting Data to Enable Privacy in the Electronic Society," in International Workshop on Signal Processing in the EncryptEd Domain (SPEED 2009) Lausanne, Switzerland, September 10, 2009.
- "Protecting Information Privacy in the Electronic Society," in International Conference on Security and Cryptography (SECRYPT 2009), Milan, Italy, July 7-10, 2009.
- "Privacy in Data Dissemination and Outsourcing," in 13th European Symposium On Research In Computer Security (ESORICS 2008), Malaga, Spain, October 6-8, 2008.
- "Access Control Policies and Data Protection: Some Results and Open Issues", in 23rd International Information Security Conference (SEC 2008), Milan, Italy, September 8-10, 2008. [Kristian Beckman Award Speech]
- "Identity Management & Privacy in the Electronic Society," in ICT for Trust and Security (IST 2006), Helsinki, Finland, November 22, 2006.
- "New Direction in Access Control," in NATO Advanced Research Workshop on Cyberspace Security and Defense: Research Issues, Gdansk, Poland, September 6-9, 2004.
- "Access Control in the Open Infrastructure," in ITI First International Conference on Information & Communication Technology (ICICT 2003), Cairo, Egypt, November 30-December 2, 2003.
- "New directions for access control policies," in 7th European Symposium On Research In Computer Security (ESORICS 2002), Zurich, Switzerland, October 16, 2002.
- "Enriching Access Control to Support Credential-Based Specifications," in Workshop on Credential-based Access Control in Open Interoperable Systems, Dortmund, Germany, October 2, 2002.
- "Choosing Reputable Servents in a P2P Network," in 2nd Annual Information Security for South Africa Conference (ISSA 2002), Muldersdrift, South Africa, July 12, 2002.
- "Research Directions in Access Control," in 2nd Annual Information Security for South Africa Conference

(ISSA 2002), Muldersdrift, South Africa, July 11, 2002.
- "Data Security," in Jor. de Bases de Datos e Ingenieria del Software, Ciudad Real, Spain, Nov 20-21, 2001.

PhD Courses
- National PhD program in Cybersecurity, Italy, 2026.
- National PhD program in Cybersecurity, Italy, 2025.
- National PhD program in Cybersecurity, Italy, 2024.

Lectures
She has delivered invited lectures at the following schools:
- Intensive Programme on Information and Communication Systems Security (IPICS 2026), Greece, 2026.
- Intensive Programme on Information and Communication Systems Security (IPICS 2024), Portugal, 2024.
- Summer School Cyber in Normandy, France, 2024.
- Cybersecurity and Privacy (CySeP) Summer School, Sweden, 2024.
- The European Network for Cybersecurity (NeCS 2024) PhD School, Italy, 2024
- Intensive Program In Cyber Security: Business and Technical Perspectives (IPICS 2023), Greece, 2023.
- Cybersecurity and Privacy (CySeP) Summer School, Sweden, 2023.
- Seasonal School Cybersecurity, Italy, 2021.
- XX International School on Foundations of Security Analysis and Design (FOSAD 2021), Italy, 2021.
- Cybersecurity and Privacy (CySeP) Summer School, Sweden, 2019.
- The European Intensive Programme on Information and Comm. Security (IPICS 2018), Greece, 2018
- Technoeconomic Management and Security of Digital Systems, University of Piraeus, Greece, 2018
- The European Intensive Programme on Information and Comm. Security (IPICS 2017), Greece, 2017
- Cybersecurity and Privacy (CySeP) Summer School, Sweden, 2017.
- International Winter School on Big Data (BigDat 2017), Bari, Italy, 2017.
- Technoeconomic Management and Security of Digital Systems, University of Piraeus, Greece, 2016
- The European Intensive Programme on Information and Comm. Security (IPICS 2015), Greece, 2015
- Technoeconomic Management and Security of Digital Systems, University of Piraeus, Greece, 2015
- International Winter School on Big Data (BigDat 2015), Tarragona, Spain, 2015
- Information Security and Privacy in Social Networks and Cloud Computing (ASI 2014), Hong Kong, 2014
- Cybersecurity and Privacy (CySeP) Winter School, Sweden, 2014
- The European Intensive Programme on Information and Comm. Security (IPICS 2014), Greece, 2014
- Technoeconomic Management and Security of Digital Systems, University of Piraeus, Greece, 2014
- Technoeconomic Management and Security of Digital Systems, University of Piraeus, Greece, 2013
- 12th International School On Foundations Of Security Analysis and Design (FOSAD 2012), Italy, 2012
- International Summer School on Security and Privacy, Cagliari, Italy, 2012
- Technoeconomic Management and Security of Digital Systems, University of Piraeus, Greece, 2012
- Technoeconomic Management and Security of Digital Systems, University of Piraeus, Greece, 2011
- The European Intensive Programme on Information and Comm. Security (IPICS 2010), Greece, 2010
- Technoeconomic Management and Security of Digital Systems, University of Piraeus, Greece, 2010
- Extending Datatabase Technology school (EDBT school 2009), France, 2009
- The European Intensive Programme on Information and Comm. Security (IPICS 2009), Austria, 2009
- The European Intensive Programme on Information and Comm. Security (IPICS 2008), Germany, 2008
- 8th International School On Foundations Of Security Analysis and Design (FOSAD 2008), Italy, 2008
- 2nd International School On Foundations Of Security Analysis and Design (FOSAD 2001), Italy, 2001
- 1st International School On Foundations Of Security Analysis And Design (FOSAD 2000), Italy, 2000

6 Publications

6.1 Patents

United States Patent 6922696 for "Lattice-based Security Classification System and Method" (with S. Dawson, S. De Capitani di Vimercati, and P. Lincoln) [publication date: 07.26.2005]

6.2 Books

B–1. S. Castano, M.G. Fugini, G. Martella, P. Samarati, "Database Security," Addison-Wesley, 1995, pp. 1–456.

B–2. S. Castano, G. Martella, P. Samarati, "La Sicurezza delle Basi di Dati," Mondadori Inform., 1992, pp. 1–584.

6.3 Edited books and proceedings

E–1 B. Palanisamy, P. Samarati (eds.) *Proc. of the 40th IFIP WG 11.3 Annual Conference on Data and Applications Security and Privacy*, Springer, 2026.

E–2 D. Maiorca, P. Samarati (eds.), *Proc. of the Joint National Conference on Cybersecurity (ITASEC & SERICS 2026)*, CEUR Workshop Proceedings, 2026.

E–3 S. De Capitani di Vimercati, P. Samarati (eds.), *Proc. of the 23rd International Conference on Security and Cryptography (SECRYPT 2026)*, ScitePress, 2026.

E–4 S. De Capitani di Vimercati, P. Samarati (eds.), *Proc. of the 22nd International Conference on Security and Cryptography (SECRYPT 2025)*, ScitePress, 2025.

E–5 S. De Capitani di Vimercati, P. Samarati (eds.), *Proc. of the 21st International Conference on Security and Cryptography (SECRYPT 2024)*, ScitePress, 2024.

E–6 S. De Capitani di Vimercati, P. Samarati (eds.), *Proc. of the 20th International Conference on Security and Cryptography (SECRYPT 2023)*, ScitePress, 2023.

E–7 C. Alcaraz, L. Chen, S. Li, P. Samarati (eds.), *Proc. of the 24th International Conference on Information and Communications Security (ICICS 2022)*, Springer, 2022.

E–8 S. De Capitani di Vimercati, P. Samarati (eds.), *Proc. of the 19th International Conference on Security and Cryptography (SECRYPT 2022)*, ScitePress, 2022.

E–9 S. De Capitani di Vimercati, P. Samarati (eds.), *Proc. of the 18th International Conference on Security and Cryptography (SECRYPT 2021)*, ScitePress, 2021.

E–10 P. Samarati, S. De Capitani di Vimercati, M.S. Obaidat, J. Ben-Othman (eds.), *Proc. of the 17th International Joint Conference on e-Business and Telecommunications (ICETE 2020) - Volume 2: SECRYPT*, ScitePress, 2020.

E–11 M.S. Obaidat, P. Samarati (eds.), *Proc. of the 16th International Conference on Security and Cryptography (SECRYPT 2019)*, SciTePress, 2019.

E–12 P. Samarati, I. Ray, I. Ray (eds.), *From Database to Cyber Security - Essays Dedicated to Sushil Jajodia on the Occasion of His 70th Birthday*, LNCS 11170, Springer, 2018.

E–13 D. Naccache, S. Xu, S. Qing, P. Samarati, G. Blanc, R. Lu, Z. Zhang, A. Meddahi (eds.), *Proc. of the 20th International Conference on Information and Communications Security (ICICS 2018)*, Springer, 2018.

E–14 P. Samarati, M.S. Obaidat (eds.), *Proc. of the 15th International Conference on Security and Cryptography (SECRYPT 2018)*, SciTePress, 2018.

E–15 J.K. Liu, P. Samarati (eds.), *Proc. of the 13th International Conference on Information Security Practice and Experience (ISPEC 2017)*, Springer, 2017.

E–16 P. Samarati, M.S. Obaidat, E. Cabello (eds.), *Proc. of the 14th International Conference on Security and Cryptography (SECRYT 2017)*, SciTePress, 2017.

E–17 C. Callegari, M. van Sinderen, P.G. Sarigiannidis, P. Samarati, E. Cabello, P. Lorenz, M.S. Obaidat (eds), *Proc. of the 13th International Conference on Security and Cryptography (SECRYT 2016)*, SciTePress, 2016.

E–18 G. Barte, E.P. Markatos, P. Samarati (eds), *Proc. of the 12th International Workshop on Security and Trust Management (STM 2016)*, Springer, 2016.

E–19 M.S. Obaidat, P. Lorenz, P. Samarati (eds.), *Proc. of the 12th International Conference on Security and Cryptography (SECRYT 2015)*, SciTePress, 2015.

E–20 P. Samarati (ed.), *Proc. of the 29th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2015)*, Springer, 2015.

E–21 S. Jajodia, K. Kant, P. Samarati, A. Singhal, V. Swarup, C. Wang (eds.), *Secure Cloud Computing*, Springer, 2014.

E–22 M.S. Obaidat, A. Holzinger, P. Samarati (eds.), *Proc. of International Conference on Security and Cryptography (SECRYPT 2014)*, SciTePress, 2014.

E–23 P. Samarati (ed.), *Proc. of International Conference on Security and Cryptography (SECRYPT 2013)*, SciTePress, 2013.

E–24 A. Jøsang, P. Samarati, M. Petrocchi (eds.), *Proc. of the 8th International Workshop on Security and Trust Management (STM 2012)*, Lecture Notes in Computer Science 7783, Springer, 2013.

E–25 F. Bao, P. Samarati, J. Zhou (eds.), *Proc. of the 10th International Conference on Applied Cryptography and Network Security (ACNS 2012)*, Lecture Notes in Computer Science 7341, Springer, 2012.

E–26 P. Samarati, W. Lou, and J. Zhou (eds.), *Proc. of International Conference on Security and Cryptography (SECRYPT 2012)*, SciTePress , 2012.

E–27 P. Samarati, S. Foresti, J. Hu, G. Livraga (eds.), *Proc. of the 5th International Conference on Network and System Security*, IEEE, Milan, Italy, September 6-8, 2011.

E–28 J. Lopez, P. Samarati (eds.), *Proc. of International Conference on Security and Cryptography (SECRYPT 2011)*, SciTePress, 2011.

E–29 P. Samarati, M. Tunstall, J. Posegga, K. Markantonakis, D. Sauveron (eds.), *Information Security Theory and Practices: Security and Privacy of Pervasive Systems and Smart Devices*, Lecture Notes in Computer Science 6033, Springer 2010.

E–30 Y. Xiang, P. Samarati, J. Hu, W. Zhou, and A. Sadeghi (eds.), *Proc. of the 4th International Conference on Network and System Security (NSS 2010)*, Melborne, Australia, September 1-3, 2010.

E–31 S.K. Katsikas, P. Samarati (eds.), *Proc. of International Conference on Security and Cryptography (SECRYPT 2010)*, SciTePress, 2010.

E–32 P. Samarati, M. Yung, F. Martinelli, C.A. Ardagna (eds.), *Proc. of the 12th Information Security Conference (ISC 2009)*, Springer, 2009.

E–33 C. Bettini, S. Jajodia, P. Samarati, X. Sean Wang (eds.), *Privacy in Location-Based Applications: Introduction, Research Issues and Applications*, Lecture Notes of Computer Science 5599, Springer, 2009.

E–34 S. Cimato, S. Jajodia, P. Samarati, (eds.), *Proc. of the IFIP TC11 23rd International Information Security Conference (SEC 2008)*, Springer, 2008.

E–35 J. Lopez, P. Samarati, J.L. Ferrer (eds.), *Proc. of the 4th European PKI Workshop: Theory and Practice*, Palma de Mallorca, Spain, June 28-30, 2007.

E–36 S. Etalle, S. Foresti, and P. Samarati (eds.), *Proc. of the 2nd International Workshop on Security and Trust Management (STM 2006)*, Hamburg, Germany, September 20, 2006.

E–37 P. Samarati, P. Ryan, D. Gollmann, R. Molva (eds.), *Computer Security – ESORICS 2004,* LNCS 3193, Springer-Verlag, 2004.

E–38 C. Farkas, P. Samarati (eds.), *Research Directions in Data and Applications Security, XVIII,* Kluwer, 2004.

E–39 D. Gritzalis, S. De Capitani di Vimercati, P. Samarati, and S. Katsikas (eds.), *Security and Privacy in the Age of Uncertainty*, Kluwer, 2003.

E–40 P. Samarati and P. Syverson (eds.), *Proc. of the 2nd ACM Workshop on Privacy in the Electronic Society,* Washington, DC, USA, October 30, 2003.

E–41 P. Samarati (ed.), *Proc. of the 1st ACM Workshop on Privacy in the Electronic Society,* Washington, DC, USA, November 21, 2002.

E–42 P. Samarati (ed.), *Proc. of the 8th ACM Conference on Computer and Communications Security,* Philadelphia, PA, USA, November 5-8, 2001.

E–43 D. Gritzalis, S. Jajodia, P. Samarati (eds.), *Proc. of the 7th ACM Conference on Computer and Communications Security,* Athens, Greece, November 1-4, 2000.

E–44 V. Atluri, P. Samarati (eds.), *Security of Data and Transaction Processing,* Kluwer, 2000.

E–45 P. Samarati, R. Sandhu (eds.), *Database Security X: Status and Prospects,* Chapman and Hall, 1997.

6.4 Refereed international journal articles

IJ–1 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rossi, P. Samarati, "Dynamic Delegation in Outsourced ICA Processes," in *Computers & Security*, vol. 161, December 2026.

IJ–2 N. Kouka, S. De Capitani di Vimercati, S. Foresti, V. Piuri, P. Samarati, "Deadline-Constrained Many-Objective Workflow Scheduling for IoT Environments," in *IEEE Internet of Things Journal*, vol. 13, n. 6, March 2026, pp. 12423-1243.

IJ–3 S. Barezzani, S. De Capitani di Vimercati, S. Foresti, V. Ghirimoldi, P. Samarati, "TA_DA: Target-Aware Data Anonymization," in *IEEE Transactions on Privacy*, vol. 2, 2025, pp. 15-26.

IJ–4 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Enforcing Corporate Governance Controls with Cloud-based Services," in *IEEE Transactions on Services Computing (TSC)*, vol. 17, n. 6, November-December 2024, pp. 3583-3596.

IJ–5 S. De Capitani di Vimercati, D. Facchinetti, S. Foresti, G. Oldani, S. Paraboschi, M. Rossi, P. Samarati, "Multi-Dimensional Flat Indexing for Encrypted Data," in *IEEE Transactions on Cloud Computing (TCC)*, vol. 12, n. 3, July-September 2024, pp. 928-941.

IJ–6 C. Chen, B. Moriarty, S. Hu, S. Moran, M. Pistoia, V. Piuri, P. Samarati, "Model-Agnostic Utility-Preserving Biometric Information Anonymization," in *International Journal of Information Security (IJIS)*, vol. 23, 2024, pp. 2809-2826.

IJ–7 E. Bacis, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rosa, P. Samarati, "Mix&Slice for Efficient Access Revocation on Outsourced Data," in *IEEE Transactions on Dependable and Secure Computing (TDSC)*, vol. 21, n. 3, May-June 2024, pp. 1390-1405.

IJ–8 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Protecting Data and Queries in Cloud-Based Scenarios," in *SN Computer Science*, vol. 4, n. 5, September 2023.

IJ–9 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Supporting User Protection Requirements in Cloud-Based Data Outsourcing," in *SN Computer Science*, vol. 4, n. 4, July 2023.

IJ–10 S. De Capitani di Vimercati, D. Facchinetti, S. Foresti, G. Livraga, G. Oldani,S. Paraboschi, M. Rossi, P. Samarati, "Scalable Distributed Data Anonymization for Large Datasets," in *IEEE Transactions on Big Data (TBD)*, vol. 9, n. 3, June 2023, pp. 818-831.

IJ–11 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "Distributed Query Execution under Access Restrictions," in *Computers & Security (COSE)*, vol. 127, April 2023, pp. 25-48.

IJ–12 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "k-Anonymity: From Theory to Applications," in *Transactions on Data Privacy*, vol. 16, n. 1, January 2023, pp. 25-49.

IJ–13 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, R. Sassi, P. Samarati, "Sentinels and Twins: Effective Integrity Assessment for Distributed Computation," in *IEEE Transactions on Parallel and Distributed Systems (TPDS)*, vol. 34, n. 1, January 2023, pp. 108-122.

IJ–14 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "An Authorization Model for Query Execution in the Cloud," in *The VLDB Journal*, vol. 31, n.3, May 2022, pp. 555-579.

IJ–15 S. De Capitani di Vimercati, S. Foresti, G. Livraga, V. Piuri, P. Samarati, "Security-Aware Data Allocation in Multicloud Scenarios," in *IEEE Transactions on Dependable and Secure Computing (TDSC)*, vol. 18, n. 5, September/October 2021, pp. 2456-2468.

IJ–16 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Toward Owners' Control in Digital Data Markets," in *IEEE Systems Journal*, vol. 15, n. 1, March 2021, pp. 1299-1306.

IJ–17 S. De Capitani di Vimercati, S. Foresti, G. Livraga, V. Piuri, P. Samarati, "Supporting User Requirements and Preferences in Cloud Plan Selection," in *IEEE Transactions on Services Computing*, vol. 14, n. 1, January/February 2021, pp. 274-285.

IJ–18 E. Bacis, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rosa, P. Samarati, "Securing Resources in Decentralized Cloud Storage," in *IEEE Transactions on Information Forensics and Security (TIFS)*, vol. 15, 2020, pp. 286-298.

IJ–19 A. Shah, R. Ganesan, S. Jajodia, P. Samarati and H. Cam, "Adaptive Alert Management for Balancing Optimal Performance among Distributed CSOCs using Reinforcement Learning," in *IEEE Transactions on Parallel and Distributed Systems (TPDS)*, vol. 31, n. 1, January 2020, pp. 16-33.

IJ–20 S. De Capitani di Vimercati, S. Foresti, G. Livraga, V. Piuri, P. Samarati, "A Fuzzy-based Brokering Service for Cloud Plan Selection," in *IEEE Systems Journal*, vol. 13, n. 4, December 2019, pp. 4101-4109.

IJ–21 R. Buyya, S. Narayana Srirama, G. Casale, R. Calheiros, Y. Simmhan, B. Varghese, E. Gelenbe, B. Javadi, L. Miguel Vaquero, M.A.S. Netto, A. Nadjaran Toosi, M. Alejandra Rodriguez, I.M. Llorente, S. De Capitani di Vimercati, P. Samarati, D. Milojicic, C. Varela, R. Bahsoon, M. Dias De Assuncao, O. Rana, W. Zhou, H. Jin, W. Gentzsch, A.Y. Zomaya, H. Shen, "A Manifesto for Future Generation Cloud Computing: Research Directions for the Next Decade," in *ACM Computing Surveys (CSUR)*, vol. 51, n. 5, November 2018, pp. 105:1-105:38.

IJ–22 A. Arman, S. Foresti, G. Livraga, P. Samarati, "Cloud Plan Selection under Requirements of Multiple Applications," in *Security and Privacy*, vol. 1, n. 4, July/August 2018.

IJ–23 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Three-Server Swapping for Access Confidentiality," in *IEEE Transactions on Cloud Computing (TCC)*, vol. 6, n. 2, April-June 2018, pp. 492-505.

IJ–24 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Enforcing Authorizations while Protecting Access Confidentiality," in *Journal of Computer Security (JCS)*, vol. 26, n. 2, 2018, pp.143-175.

IJ–25 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "An Authorization Model for Multi-Provider Queries," in *Proc. of the VLDB Endowment*, vol. 11, no. 3, November 2017, 256-268.

IJ–26 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Efficient Integrity Checks for Join Queries in the Cloud," in *Journal of Computer Security (JCS)*, vol. 24, n. 3, 2016, pp. 347-378.

IJ–27 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Shuffle Index: Efficient and Private Access to Outsourced Data," in *ACM Transactions on Storage (TOS)*, vol. 11, n. 4, October 2015, pp. 1-55 (Article 19).

IJ–28 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "Loose Associations to Increase Utility in Data Publishing," in *Journal of Computer Security (JCS)*, vol. 23, no. 1, 2015, pp. 59-88.

IJ–29 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "Fragmentation in Presence of Data Dependencies," in *IEEE Transactions on Dependable and Secure Computing (TDSC)*, vol. 11, no. 6, November-December 2014, pp. 510-523.

IJ–30 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Integrity for Join Queries in the Cloud," in *IEEE Transactions on Cloud Computing (TCC)*, vol. 1, no. 2, July-December 2013, pp. 187-200.

IJ–31 C. Ardagna, S. Jajodia, P. Samarati, A. Stavrou, "Providing Users' Anonymity in Mobile Hybrid Networks," in *ACM Transactions on Internet Technology*, vol. 12, no. 3, May 2013.

IJ–32 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "Enforcing Dynamic Write Privileges in Data Outsourcing," in *Computers & Security*, vol. 39, part A, November 2013, pp. 47-63.

IJ–33 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Supporting Concurrency and Multiple Indexes in Private Access to Outsourced Data," in *Journal of Computer Security (JCS)*, vol. 21, no. 3, 2013, pp. 425-461.

IJ–34 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Data Privacy: Definitions and Techniques," in *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, vol. 20, no. 6, December 2012, pp. 793-817.

IJ–35 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "An OBDD Approach to Enforce Confidentiality and Visibility Constraints in Data Publishing," in *Journal of Computer Security (JCS)*, vol. 20, no. 5, 2012, pp. 463-508.

IJ–36 M. Bezzi, S. De Capitani di Vimercati, S. Foresti G. Livraga, P. Samarati, R. Sassi, "Modeling and Preventing Inferences from Sensitive Value Distributions in Data Release," in *Journal of Computer Security (JCS)*, vol. 20, no. 4, 2012, pp. 393-436.

IJ–37 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, G. Psaila, P. Samarati, "Integrating Trust Management and Access Control in Data-Intensive Web Applications," in *ACM Transactions on the Web*, vol. 6, no. 2, May 2012.

IJ–38 C.A. Ardagna, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Minimizing Disclosure of Client Information in Credential-Based Interactions," in *International Journal of Information Privacy, Security and Integrity*, vol. 1, no. 2/3, 2012, pp. 205-233.

IJ–39 C.A. Ardagna, S. De Capitani di Vimercati, S. Paraboschi, E. Pedrini, P. Samarati, M. Verdicchio, "Expressive and Deployable Access Control in Open Web Service Applications," in *IEEE Transactions on Services Computing*, vol. 4, no. 2, April-June 2011, pp. 96-109.

IJ–40 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Authorization Enforcement in Distributed Query Evaluation," in *Journal of Computer Security*, vol. 19, no. 4, 2011, pp. 751-794.

IJ–41 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Selective Data Outsourcing for Enforcing Privacy," in *Journal of Computer Security*, vol. 19, no. 3, 2011, pp. 531-566.

IJ–42 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Anonymization of Statistical Data," in *IT - Information Technology*, vol. 53, no. 1, January 2011, pp. 18-25.

IJ–43 C.A. Ardagna, M. Cremonini, S. De Capitani di Vimercati, P. Samarati, "An Obfuscation-based Approach for Protecting Location Privacy," in *IEEE Transactions on Dependable and Secure Computing*, vol. 8, no. 1, January-February 2011, pp. 13-27.

IJ–44 C.A. Ardagna, S. De Capitani di Vimercati, S. Foresti, T.W. Grandison, S. Jajodia, P. Samarati, "Access Control for Smarter Healthcare using Policy Spaces," in *Computers & Security*, vol. 29, no. 8, November 2010, pp. 848-858.

IJ–45 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Fragments and Loose Associations: Respecting Privacy in Data Publishing," in *Proc. of the VLDB Endowment*, vol. 3, no. 1, Singapore, September 13-17, 2010.

IJ–46 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Combining Fragmentation and Encryption to Protect Privacy in Data Storage," in *ACM Transactions on Information and System Security*, vol. 13, no. 3, July 2010.

IJ–47 C. Blundo, S. Cimato, S. De Capitani di Vimercati, A. De Santis, S. Foresti, S. Paraboschi, P. Samarati, "Managing Key Hierarchies for Access Control Enforcement: Heuristic Approaches," in *Computers & Security*, vol. 29, no. 5, July 2010, pp. 533-547.

IJ–48 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Encryption Policies for Regulating Access to Outsourced Data," in *ACM Transactions on Database Systems*, vol. 35, no. 2, April 2010.

IJ–49 C.A. Ardagna, J. Camenisch, M. Kohlweiss, R. Leenes, G. Neven, B. Priem, P. Samarati, D. Sommer, M. Verdicchio, "Exploiting Cryptography for Privacy-enhanced Access Control: A result of the PRIME Project," in *Journal of Computer Security*, vol. 18, no. 1, 2010, pp. 123-160.

IJ–50 C.A. Ardagna, M. Cremonini, S. De Capitani di Vimercati, P. Samarati, "A Privacy-aware Access Control System," in *Journal of Computer Security*, vol. 16, no. 4, 2008, pp. 369-397.

IJ–51 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, P. Samarati, "Access Control Policies and Languages," in *International Journal of Computational Science and Engineering*, vol. 3, no. 2, 2007, pp. 94-102.

IJ–52 R. Aringhieri, E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Fuzzy Techniques for Trust and Reputation Management in Anonymous Peer-to-Peer Systems," in *Journal of the American Society for Information Science and Technology*, vol. 57, no. 4, February 2006, pp. 528–537.

IJ–53 S. De Capitani di Vimercati, P. Samarati, "k-Anonymity for Protecting Privacy," in *Information Security,* October 2006.

IJ–54 A. Ceselli, E. Damiani, S. De Capitani di Vimercati, S. Jajodia, S. Paraboschi, P. Samarati, "Modeling and Assessing Inference Exposure in Encrypted Databases," in *ACM Transactions on Information and System Security,* vol. 8, no. 1, February 2005, pp. 119–152.

IJ–55 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "XML-based Access Control Languages," in *Information Security Technical Report*, Elsevier Science, 2004.

IJ–56 E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Managing Multiple and Dependable Identities," *IEEE Internet Computing,* vol. 7, no. 6, November-December 2003, pp. 29–37.

IJ–57 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Managing and Sharing Servents' Reputations in P2P Systems," *IEEE Transactions on Knowledge and Data Engineering,* vol. 15, no. 4, July/August 2003, pp. 840–854.

IJ–58 S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Access Control: Principles and Solutions," *Software: Practice and Experience,* vol. 33, no. 5, April 2003, pp. 397–421.

IJ–59 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "A Fine-Grained Access Control System for XML Documents," in *ACM Transactions on Information and System Security,* vol. 5, no. 2, May 2002, pp. 169-202.

IJ–60 S. Dawson, S. De Capitani di Vimercati, P. Lincoln, P. Samarati, "Maximizing Sharing of Protected Information," in *Journal of Computer and System Science,* vol. 64, no. 3, May 2002, pp. 496-541.

IJ–61 P. Bonatti, S. De Capitani di Vimercati, P. Samarati, "An Algebra for Composing Access Control Policies," in *ACM Transactions on Information and System Security*, vol. 5, no. 1, February 2002, pp. 1-35.

IJ–62 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Securing SOAP E-Services," in *International Journal of Information Security,* vol. 1, no. 2, February 2002, pp. 100-115.

IJ–63 P. Bonatti, P. Samarati, "A Uniform Framework for Regulating Access and Information Release on the Web," *Journal of Computer Security,* vol. 10, no. 3, 2002, pp. 241–271.

IJ–64 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "XML Access Control Systems: A Component-Based Approach," in *Informatica*; and *Data and Applications Security: Developments and Directions,* B. Thuraisingham et al. (eds.), Kluwer, 2001.

IJ–65 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Controlling Access to XML Documents," in *IEEE Internet Computing,* vol. 5, no. 6, November-December. 2001.

IJ–66 P. Samarati, M. Reiter, S. Jajodia, "An Authorization Model for a Public Key Management Service," in *ACM Transactions on Information and System Security*, vol. 4, no. 4, November 2001, pp. 453-482.

IJ–67 S. De Capitani di Vimercati, P. Lincoln, L. Ricciulli, P. Samarati, "Global Infrastructure Protection System," in *Journal of Computer Security,* vol. 9, no. 4, 2001, pp. 251-283.

IJ–68 P. Samarati "Protecting Respondents' Identities in Microdata Release," in *IEEE Transactions on Knowledge and Data Engineering,* vol. 13, no. 6, November/December 2001, pp. 1010–1027.

IJ–69 S. Jajodia, P. Samarati, M.L. Sapino, V. S. Subrahmanian "Flexible Support for Multiple Access Control Policies," in *ACM Transactions on Database Systems,* vol. 26, no. 2, June 2001, pp. 214-260.

IJ–70 E. Bertino, E. Pagani, G.P. Rossi, P. Samarati, "Protecting Information on the Web," in *Communications of the ACM,* vol. 43, no. 11es, November 2000, pp. 189-199.

IJ–71 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Design and Implementation of an Access Control Processor for XML Documents," in *Computer Networks*, Elsevier, vol. 33, no. 1–6, June 2000, pp. 59-75; and *Proc. of the Ninth International World Wide Web Conference (WWW9)*, Amsterdam, May 15-19, 2000.

IJ–72 S. Dawson, S. Qian, P. Samarati "Providing Security and Interoperation of Heterogeneous Systems," in *Distributed and Parallel Databases,* vol. 8, no. 1, January 2000, pp. 119-145.

IJ–73 E. Bertino, S. Jajodia, P. Samarati, "A Flexible Authorization Mechanism for Relational Data Management Systems," in *ACM Transactions on Information Systems,* vol. 17, no. 2, April 1999, pp. 101-140.

IJ–74 E. Bertino, S. De Capitani di Vimercati, E. Ferrari P. Samarati, "Exception-Based Information Flow Control in Object-Oriented Systems," in *ACM Transactions on Information and System Security*, vol. 1, no. 1, November 1998, pp. 26-65.

IJ–75 E. Bertino, C. Bettini, E. Ferrari, P. Samarati, "An Access Control Model Supporting Periodicity Constraints and Temporal Reasoning," in *ACM Transactions on Database Systems*, vol. 23, no. 3, September 1998, pp. 231-285.

IJ–76 E. Bertino, E. Ferrari, P. Samarati, "Mandatory Security and Object-Oriented Systems: A Multilevel Entity Model and its Mapping onto a Single-Level Object Model," in *TAPOS - Journal on Theory And Practice of Object Systems,* vol. 4, no. 3, 1998, pp. 183–204.

IJ–77 P. Samarati, E. Bertino, A. Ciampichetti, S. Jajodia, "Information Flow Control in Object-Oriented Systems," in *IEEE Transactions on Knowledge and Data Engineering,* vol. 9, no. 4, August 1997, pp. 524–538.

IJ–78 E. Bertino, P. Samarati, S. Jajodia, "An Extended Authorization Model for Relational Databases," in *IEEE Transactions on Knowledge and Data Engineering,* vol. 9, no. 1, January/February 1997, pp. 85-101.

IJ–79 S. De Capitani di Vimercati, P. Samarati, "Authorization Specification and Enforcement in Federated Database Systems," in *Journal of Computer Security*, vol. 5, no. 2, 1997, pp. 155–188.

IJ–80 E. Bertino, C. Bettini, E. Ferrari, P. Samarati, "Decentralized Administration for a Temporal Access Control Model," in *Information Systems,* vol. 22 no. 4, 1997, pp. 223–248.

IJ–81 P. Samarati, E. Bertino, S. Jajodia, "An Authorization Model for Distributed Hypertext Systems," in *IEEE Transactions on Knowledge and Data Engineering,* vol. 8, no. 4, August 1996, pp. 555-562.

IJ–82 S. Castano, G. Martella, P. Samarati, "Analysis, Comparison and Design of Role-Based Security Specifications," in *Data & Knowledge Engineering,* vol. 21, no. 1, December 1996, pp. 31-55.

IJ–83 R. Sandhu, P. Samarati, "Authentication, Access Control and Audit," in *ACM Computing Surveys*, 50th anniversary commemorative issue, vol. 28, no. 1, March 1996, pp. 241-243.

IJ–84 E. Bertino, C. Bettini, E. Ferrari, P. Samarati, "A Temporal Access Control Mechanism for Database Systems," in *IEEE Transactions on Knowledge and Data Engineering,* vol. 8, no. 1, February 1996, pp. 67–80.

IJ–85 P. Samarati, P. Ammann, S. Jajodia, "Maintaining Replicated Authorizations in Distributed Database Systems," in *Data & Knowledge Engineering,* vol. 18, no. 1, February 1996, pp. 55–84.

IJ–86 E. Bertino, S. Jajodia, P. Samarati, "Database Security: Research and Practice," in *Information Systems,* vol. 20, no. 7, November 1995, pp. 537–556 (invited paper).

IJ–87 S. Ceri, M.A.W. Houtsma, A.M. Keller, P. Samarati, "Independent Updates and Incremental Agreement in Replicated Databases," in *Distributed and Parallel Databases,* vol. 3, no. 3, July 1995, pp. 225–246.

IJ–88 E. Bertino, F. Origgi, P. Samarati, "An Extended Authorization Model for Object Databases," in *Journal of Computer Security*, vol. 3, no. 6, 1995, pp. 169–206.

IJ–89 F. Cacace, P. Samarati, L. Tanca, "Set-Oriented Retrieval of Complex Objects in Inheritance Hierarchies," in *Computing,* vol. 55, no. 1, 1995, pp. 55–73.

IJ–90 R. Sandhu, P. Samarati, "Access Control: Principles and Practice," in *IEEE Communications*, vol. 32, no. 9, September 1994, pp. 40–48.

6.5 Refereed papers in proceedings of international conferences and workshops

IC–1 S. De Capitani di Vimercati, R. Donida Labati, S. Foresti, S. Jajodia, V. Piuri, P. Samarati, F. Scotti, and M. Vulpio, "Fragmentation for Iris Template Protection," in *Proc. of the 31st European Symposium on Research in Computer Security (ESORICS 2026),* Rome, Italy, September 14-18, 2026.

IC–2 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Manclossi, S. Paraboschi, P. Samarati, "Query Integrity Verification in Presence of Access Restrictions," in *Proc. of the 22nd International Workshop on Security and Trust Management (STM 2026)*, Rome, Italy, September 17-18, 2026.

IC–3 L. Bellomarini, C. Catalano, A. Coletta, M. Iezzi, P. Samarati, "Chase Anonymisation: Privacy-Preserving Knowledge Graphs with Logical Reasoning," in *Proc. of the 42nd IEEE International Conference on Data Engineering (ICDE 2026),* Montréal, Canada, May 4-8, 2026.

IC–4 M. Barbato, A. Ceselli, S. De Capitani di Vimercati, S. Foresti, P. Samarati, "PriSM: A Privacy-friendly Support vector Machine," in *Proc. of the 30th European Symposium on Research in Computer Security (ESORICS 2025),* Tolouse, France, September 22-26, 2025.

IC–5 N. Kouka, S. De Capitani di Vimercati, V. Piuri, P. Samarati, "An Arithmetic Optimization Algorithm with Dynamic State Estimation for Deadline-Constrained Workflow Scheduling," in *Proc. of the Genetic and Evolutionary Computation Conference (GECCO 2025),* Malaga, Spain, July 14-18, 2025.

IC–6 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, S. Petrilli, P. Samarati, "Supporting Delegation in Outsourced ICA Process," in *Proc. of the 39th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2025)*, Gjovik, Norway, June 23-25, 2025.

IC–7 S. De Capitani di Vimercati, S. Foresti, G. Livraga and P. Samarati, M. Tedesco, "Security-Aware Allocation of Replicated Data in Distributed Storage Systems," in *Proc. of the 15th International Conference on Cloud Computing and Services Science (CLOSER 2025)*, Porto, Portugal, April 1-3, 2025.

IC–8 S. De Capitani di Vimercati, S. Foresti, V. Ghirimoldi, P. Samarati, "DT-Anon: Decision Tree Target-Driven Anonymization," in *Proc. of the 38th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2024)*, San Jose, CA, USA, July 15-17, 2024.

IC–9 M. Abbadini, M. Beretta, S. De Capitani di Vimercati, D. Facchinetti, S. Foresti, G. Oldani, S. Paraboschi, M. Rossi, P. Samarati, "Supporting Data Owner Control in IPFS Networks," in *Proc. of the 2024 IEEE International Conference on Communications (ICC 2024)*, Denver, CO, USA, June 9-13, 2024.

IC–10 N. Kouka, V. Piuri, P. Samarati, "Tasks Scheduling with Load Balancing in Fog Computing: a Bi-level Multi-Objective Optimization Approach," in *Proc. of the Genetic and Evolutionary Computation Conference (GECCO 2024)*, Melbourne, Australia, July 14-18, 2024.

IC–11 B. Moriarty, C. Chen, S. Hu, S. Moran, M. Pistoia, V. Piuri, P. Samarati, "Utility Preserving Biometric Information Anonymization," in *Proc. of the 27th European Symposium on Research in Computer Security (ESORICS 2022),* Copenhagen, Denmark, September 26-30, 2022.

IC–12 S. De Capitani di Vimercati, D. Facchinetti, S. Foresti, G. Oldani, S. Paraboschi, M. Rossi, P. Samarati, "Multi-Dimensional Indexes for Point and Range Queries on Outsourced Encrypted Data," in *Proc. of the 2021 IEEE Global Communications Conference (GLOBECOM 2021)*, Madrid, Spain, December 7-11, 2021.

IC–13 J.S. Vardakas, K. Ramantas, E. Datsika, M. Payaro, S. Pollin, E. Vinogradov, M. Varvarigos, P. Kokkinos, R. Gonzalez-Sanchez, J.J. Vegas Olmos, I. Chochliouros, P. Chanclou, P. Samarati, A. Flizikowski, M.A. Rahman, C. Verikoukis, "Towards Machine-Learning-Based 5G and Beyond Intelligent Networks: The MARSAL Project Vision," in *2021 IEEE International Mediterranean Conference on Communications and Networking (MeditCom 2021)*, Athens, Greece, September 7-10, 2021

IC–14 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "Distributed Query Evaluation over Encrypted Data," in *Proc. of the 35th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2021)*, Calgary, Canada, July 19-20, 2021 (virtual conference).

IC–15 S. De Capitani di Vimercati, D. Facchinetti, S. Foresti, G. Oldani, S. Paraboschi, M. Rossi, P. Samarati, "Scalable Distributed Data Anonymization," in *Proc. of the 19th International Conference on Pervasive Computing and Communications (PerCom 2021)*, March 22-26 (virtual conference), 2021.

IC–16 S. De Capitani di Vimercati, D. Facchinetti, S. Foresti, G. Oldani, S. Paraboschi, M. Rossi, P. Samarati, "Artifact: Scalable Distributed Data Anonymization," in *Proc. of the 19th International Conference on Pervasive Computing and Communications (PerCom 2021)*, March 22-26, 2021 (virtual conference),

IC–17 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Enforcing Corporate Governance's Internal Controls and Audit in the Cloud," in *Proc. of the 13th IEEE International Conference on Cloud Computing (IEEE CLOUD 2020)*, Beijing, China, October 19-23, 2020.

IC–18 E. Bacis, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rosa, P. Samarati, "Dynamic Allocation for Resource Protection in Decentralized Cloud Storage," in *Proc. of the 2019 IEEE Global Communications Conference (GLOBECOM 2019)*, Waikoloa, Hawaii, USA, December 9-13, 2019.

IC–19 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Empowering Owners with Control in Digital Data Markets," in *Proc. of the 12th IEEE International Conference on Cloud Computing (IEEE CLOUD 2019)*, Milan, Italy, July 8-13, 2019.

IC–20 E. Bacis, S. De Capitani di Vimercati, D. Facchinetti, S. Foresti, G. Livraga, S. Paraboschi, M. Rosa, P. Samarati, "Multi-Provider Secure Processing of Sensors Data," in *Proc. of the 17th International Conference on Pervasive Computing and Communications (PerCom 2019)*, Kyoto, Japan, March 11-15, 2019.

IC–21 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Data Security and Privacy in the Cloud," in *Proc. of SPIE, Mobile Multimedia/Image Processing, Security, and Applications*, Baltimore, MD, USA, May 13 2019.

IC–22 E. Bacis, A. Barnett, A. Byrne, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rosa, P. Samarati, "Distributed Shuffle Index: Analysis and Implementation in an Industrial Testbed," in *Proc. of the 5th IEEE Conference on Communications and Network Security (CNS 2017)*, Las Vegas, NV, USA, October 9-11, 2017 (poster).

IC–23 E. Bacis, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rosa, P. Samarati, "Distributed Shuffle Index in the Cloud: Implementation and Evaluation," in *Proc. of the 4th IEEE International Conference on Cyber Security and Cloud Computing (IEEE CSCloud 2017)*, New York, USA, June 26-28, 2017.

IC–24 S. De Capitani di Vimercati, S. Foresti, R. Moretti, S. Paraboschi, G. Pelosi, P. Samarati, "A Dynamic Tree-based Data Structure for Access Privacy in the Cloud," in *Proc. of the 8th IEEE International Conference on Cloud Computing Technology and Science (CloudCom 2016)*, Luxembourg, Luxembourg, December 12-15, 2016.

IC–25 E. Bacis, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rosa, P. Samarati, "Mix&Slice: Efficient Access Revocation in the Cloud," in *Proc. of the 23rd ACM Conference on Computer and Communication Security (CCS 2016)*, Vienna, Austria, October 24-28, 2016.

IC–26 E. Bacis, S. De Capitani di Vimercati, S. Foresti, D. Guttadoro, S. Paraboschi, M. Rosa, P. Samarati, A. Saullo, "Managing Data Sharing in OpenStack Swift with Over-Encryption," in *Proc. of the 3rd ACM Workshop on Information Sharing and Collaborative Security (WISCS 2016)*, Vienna, Austria, October 24, 2016.

IC–27 E. Bacis, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rosa, P. Samarati, "Access Control Management for Secure Cloud Storage," in *Proc. of the 12th EAI International Conference on Security and Privacy in Communication Networks (SecureComm 2016)*, Guangzhou, China, October 10-12, 2016.

IC–28 A. Arman, S. Foresti, G. Livraga, P. Samarati, "A Consensus-based Approach for Selecting Cloud Plans," in *Proc. of the 2nd International Forum on Research and Technologies for Society and Industry (RTSI 2016)*, Bologna, Italy, September 7-9, 2016.

IC–29 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Access Control for the Shuffle Index," in *Proc. of the 30th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2016)*, Trento, Italy, July 18-21, 2016.

IC–30 S. De Capitani di Vimercati, G. Livraga, V. Piuri, P. Samarati, G.A. Soares, "Supporting Application Requirements in Cloud-based IoT Information Processing," in *Proc. of the International Conference on Internet of Things and Big Data (IoTBD 2016)*, Rome, Italy, April 23-25, 2016.

IC–31 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Integrity for Approximate Joins on Untrusted Computational Servers," in i*Proc. of the 30th International Information Security and Privacy Conference (SEC 2015)*, Hamburg, Germany, May 26-28, 2015.

IC–32 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Protecting Access Confidentiality with Data Distribution and Swapping," in *Proc. of the 4th IEEE International Conference on Big Data and Cloud Computing (BDCloud 2014)*, Sydney, Australia, December 3-5, 2014.

IC–33 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "Integrity for Distributed Queries," in *Proc. of the 2nd IEEE Conference on Communications and Network Security (CNS 2014)*, San Francisco, CA, USA, October 29-31, 2014.

IC–34 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Optimizing Integrity Checks for Join Queries in the Cloud," in *Proc. of the 28th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2014)*, Vienna, Austria, July 14-16, 2014.

IC–35 P. Samarati, "Data Security and Privacy in the Cloud," in *Proc. of 10th International Conference on Information Security Practice and Experience (ISPEC 2014)*, Fuzhou, China, May 5-8, 2014.

IC–36 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Distributed Shuffling for Preserving Access Confidentiality," in *Proc. of the 18th European Symposium on Research in Computer Security (ESORICS 2013)*, Egham, U.K., September 9-11, 2013.

IC–37 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, "Extending Loose Associations to Multiple Fragments," in *Proc. of the 27th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2013)*, Newark, NJ, USA, July 15-17, 2013.

IC–38 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "On Information Leakage by Indexes over Data Fragments," in *Proc. of the 1st International Workshop on Privacy-Preserving Data Publication Analysis (PrivDB 2013)*, Brisbane, Australia, April 8, 2013.

IC–39 C.A. Ardagna, G. Livraga, P. Samarati, "Protecting Privacy of User Information in Continuous Location-Based Services," in *Proc. of the 15th IEEE International Conference on Computational Science and Engineering (CSE 2012)*, Paphos, Cyprus, December 5-7, 2012.

IC–40 R. Jhawar, V. Piuri, P. Samarati, "Supporting Security Requirements for Resource Management in Cloud Computing," in *Proc. of the 15th IEEE International Conference on Computational Science and Engineering (CSE 2012)*, Paphos, Cyprus, December 5-7, 2012.

IC–41 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Managing and Accessing Data in the Cloud: Privacy Risks and Approaches," in *Proc. of the 7th International Conference on Risks and Security of Internet and Systems (CRiSIS 2012)*, Cork, Ireland, October 10-12, 2012.

IC–42 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Support for Write Privileges on Outsourced Data," in *Proc. of the 27th IFIP TC-11 International Information Security and Privacy Conference (SEC 2012)*, Heraklion, Crete, Greece, June 4-6, 2012.

IC–43 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Private Data Indexes for Selective Access to Outsourced Data," in *Proc. of the 10th Workshop on Privacy in the Electronic Society (WPES 2011)*, Chicago, Illinois, USA, October 17, 2011.

IC–44 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Supporting Concurrency in Private Data Outsourcing," in *Proc. of the European Symposium on Research in Computer Security (ESORICS 2011),* Leuven, Belgium, September 12-14, 2011.

IC–45 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Enforcing Confidentiality and Data Visibility Constraints: An OBDD Approach," in *Proc. of the 25th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2011)*, Richmond, VA, USA, July 11-13, 2011.

IC–46 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, G. Pelosi, P. Samarati, "Efficient and Private Access to Outsourced Data," in *Proc. of the 31st International Conference on Distributed Computing Systems (ICDCS 2011)*, Minneapolis, Minnesota, USA, June 20-24, 2011.

IC–47 C.A. Ardagna, S. De Capitani di Vimercati, S. Foresti, G. Neven, S. Paraboschi, F.-S. Preiss, P. Samarati, M. Verdicchio, "Fine-Grained Disclosure of Access Policies," in *Proc. of the 12th International Conference in Information and Communications Security (ICICS 2010)*, Barcelona, Spain, December 15-17, 2010.

IC–48 C.A. Ardagna, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Supporting Privacy Preferences in Credential-Based Interactions," in *Proc. of the 9th Workshop on Privacy in the Electronic Society (WPES 2010)*, Chicago, Illinois, USA, October 4, 2010.

IC–49 C.A. Ardagna, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Supporting User Privacy Preferences on Information Release in Open Scenarios," in *Proc. of the W3C Workshop on Privacy and Data Usage Control*, Cambridge, MA, USA, October 4-5, 2010.

IC–50 M. Bezzi, S. De Capitani di Vimercati, G. Livraga, P. Samarati, "Protecting Privacy of Sensitive Value Distributions in Data Release," in *Proc. of the 6th Workshop on Security and Trust Management (STM 2010)*, Athens, Greece, September 23-24, 2010.

IC–51 C.A. Ardagna, S. Jajodia, P. Samarati, A. Stavrou, "Providing Mobile Users' Anonymity in Hybrid Networks," in *Proc. of the 15th European Symposium On Research In Computer Security (ESORICS 2010)*, Athens, Greece, September 20-22, 2010.

IC–52 C.A. Ardagna, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Minimizing Disclosure of Private Information in Credential-Based Interactions: A Graph-Based Approach," in *Proc. of the 2nd IEEE International Conference on Information Privacy, Security, Risk and Trust (PASSAT 2010),* Minneapolis, Minnesota, USA, August 20-22, 2010.

IC–53 C.A. Ardagna, S. De Capitani di Vimercati, G. Neven, S. Paraboschi, F.-S. Preiss, P. Samarati, M. Verdicchio, "Enabling Privacy-Preserving Credential-Based Access Control with XACML and SAML," in *Proc. of the 3rd IEEE International Symposium on Trust, Security and Privacy for Emerging Applications (TSP 2010)*, Bradford, UK, June 29-July 1, 2010.

IC–54 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, G. Pelosi, P. Samarati, "Encryption-based Policy Enforcement for Cloud Storage," in *Proc. of the 1st International Workshop on Security and Privacy in Cloud Computing (SPCC 2010)*, Genoa, Italy, June 25, 2010.

IC–55 P. Samarati, S. De Capitani di Vimercati, "Data Protection in Outsourcing Scenarios: Issues and Directions," in *Proc. of the 5th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2010),* Beijing, China, April 13-16, 2010.

IC–56 C.A. Ardagna, S. De Capitani di Vimercati, E. Pedrini, S. Paraboschi, P. Samarati, M. Verdicchio, "Extending XACML for Open Web-based Scenarios," in *Proc. of the W3C Workshop on Access Control Application Scenarios*, Luxembourg, November 17-18, 2009.

IC–57 C.A. Ardagna, L. Bussard, S. De Capitani di Vimercati, G. Neven, E. Pedrini, S. Paraboschi, F. Preiss, D. Raggett, P. Samarati, S. Trabelsi, M. Verdicchio, "PrimeLife Policy Language", in *Proc. of the W3C Workshop on Access Control Application Scenarios*, Luxembourg, November 17-18, 2009.

IC–58 C.A. Ardagna, S. De Capitani di Vimercati, S. Paraboschi, E. Pedrini, P. Samarati, "A XACML-Based Privacy-Centered Access Control System," in *Proc. of the 1st ACM Workshop on Information Security Governance (WISG 2009)*, Chicago, IL, USA, November 13, 2009.

IC–59 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Keep a Few: Outsourcing Data while Maintaining Confidentiality," in *Proc. of the 14th European Symposium On Research In Computer Security (ESORICS 2009)*, Saint Malo, France, September 21-25, 2009.

IC–60 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Enforcing Confidentiality Constraints on Sensitive Databases with Lightweight Trusted Clients," in *Proc. of the 23rd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2009)*, Montreal, Canada, July 12-15, 2009.

IC–61 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Fragmentation Design for Efficient Query Execution over Sensitive Distributed Databases," in *Proc. of the 29th International Conference on Distributed Computing Systems (ICDCS 2009)*, Montreal, Quebec, Canada, June 22-26, 2009.

IC–62 C. Blundo, S. Cimato, S. De Capitani di Vimercati, A. De Santis, S. Foresti, S. Paraboschi, P. Samarati, "Efficient Key Management for Enforcing Access Control in Outsourced Scenarios," in *Proc. of the 24th International Security Conference (SEC 2009)*, Cyprus, May 18-20, 2009.

IC–63 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Assessing Query Privileges via Safe and Efficient Permission Composition," in *Proc. of the 15th ACM Conference on Computer and Communications Security (CCS 2008)*, Alexandria, VA, USA, October 27-31, 2008.

IC–64 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, G. Pelosi, P. Samarati, "Preserving Confidentiality of Security Policies in Data Outsourcing Scenarios," in *Proc of the 7th ACM Workshop on Privacy in the Electronic Society (WPES 2008)*, Alexandria, VA, USA, October 27, 2008.

IC–65 C.A. Ardagna, A. Stravrou, S. Jajodia, P. Samarati, R. Martin, "A Multi-Path Approach for k-Anonymity in Mobile Hybrid Networks," in *Proc. of the 1st International Workshop on Privacy in Location-Based Applications (PILBA 2008)*, Malaga, Spain, October 9, 2008.

IC–66 C.A. Ardagna, S. De Capitani di Vimercati, T. Grandison, S. Jajodia, P. Samarati, "Regulating Exceptions in Healthcare using Policy Spaces," in *Proc. of the 22nd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2008)*, London, U.K., July 13-16, 2008.

IC–67 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Controlled Information Sharing in Collaborative Distributed Query Processing," in *Proc. of the 28th International Conference on Distributed Computing Systems (ICDCS 2008)*, Beijing, China June 17-20, 2008.

IC–68 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "A Data Outsourcing Architecture Combining Cryptography and Access Control," in *Proc. of the 1st Computer Security Architecture Workshop (CSAW 2007)*, Fairfax, Virginia, USA, November 2, 2007.

IC–69 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Over-encryption: Management of Access Control Evolution on Outsourced Data," in *Proc. of the 33rd International Conference on Very Large Data Bases (VLDB 2007)*, Vienna, Austria, September 23-28 2007.

IC–70 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Fragmentation and Encryption to Enforce Privacy in Data Storage," in *Proc. of the 12th European Symposium On Research In Computer Security (ESORICS 2007)*, Dresden, Germany, September 24-26, 2007.

IC–71 C.A. Ardagna, M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Location Privacy Protection Through Obfuscation-based Techniques," in *Proc. of the 21st Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2007)*, Redondo Beach, CA, USA, July 8-11, 2007.

IC–72 C.A. Ardagna, M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Managing Privacy in LBAC Systems," in *Proc. of the 2nd IEEE International Symposium on Pervasive Computing and Ad Hoc Communications (PCAC 2007)*, Niagara Falls, Canada, May 21-23, 2007.

IC–73 E. Damiani, S. De Capitani di Vimercati, S. Jajodia, S. Paraboschi, P. Samarati, "An Experimental Evaluation of Multi-key Strategies for Data Outsourcing," in *Proc. of the 22nd IFIP TC-11 International Information Security Conference (SEC 2007),* Sandton, South Africa, May 14-16, 2007.

IC–74 C.A. Ardagna, M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "A Middleware Architecture for Integrating Privacy Preferences and Location Accuracy," in *Proc. of the 22nd IFIP TC-11 International Information Security Conference (SEC 2007),* Sandton, South Africa, May 14-16, 2007.

IC–75 S. De Capitani di Vimercati, S. Jajodia, S. Paraboschi, P. Samarati, "Trust Management Services in Relational Databases," in *Proc. of the 2nd ACM Symposium on InformAtion, Computer and Communications Security (ASIACCS 2007)*, Singapore, March 20-22, 2007.

IC–76 E. Damiani, S. De Capitani di Vimercati, C. Fugazza, P. Samarati, "Extending Context Descriptions in Semantics-Aware Access Control," in *Proc. of the Second International Conference on Information Systems Security (ICISS 2006)*, Kolkata, India, December 17-21, 2006.

IC–77 C.A. Ardagna, M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Negotiation Protocols for LBAC Systems," in *Proc. of 1st International Conference on Information Security and Computer Forensics (ISCF 2006)*, Chennai, India, December 6-8, 2006.

IC–78 E. Damiani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Selective Data Encryption in Outsourced Dynamic Environments," in *Proc. of the Second International Workshop on Views On Designing Complex Architectures (VODCA 2006)*, Bertinoro, Italy, September 16-17, 2006.

IC–79 C.A. Ardagna, S. De Capitani di Vimercati, P. Samarati, "Enhancing User Privacy Through Data Handling Policies," in *Proc. of the 20th Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2006)*, Sophia Antipolis, France, July 31 - August 2, 2006.

IC–80 E. Damiani, S. De Capitani di Vimercati, C. Fugazza, P. Samarati, "Modality Conflicts in Semantics-Aware Access Control," in *Proc. of the 6th International Conference on Web Engineering (ICWE 2006)*, Menlo Park, California, USA, July 12-14, 2006.

IC–81 M. Anisetti, C.A. Ardagna, V. Bellandi, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "OpenAmbient: A Pervasive Access Control Architecture," in *Proc. of ETRICS Workshop on Security in Autonomous Systems (SecAS 2006)*, Friburg, Germany, June 6-9, 2006.

IC–82 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, F. Frati, P. Samarati, "CAS++: An Open Source Single Sign-On Solution for Secure e-Services," in *Proc. of the 21st IFIP TC-11 International Information Security Conference "Security and Privacy in Dynamic Environments"*, Karlstad, Sweden, May 22-24, 2006.

IC–83 C.A. Ardagna, M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Location-based Metadata and Negotiation Protocols for LBAC in a One-to-Many Scenario," in *Proc. of the Workshop On Security and Privacy in Mobile and Wireless Networking (SecPri MobiWi 2006)*, Coimbra, Portugal, May 19, 2006.

IC–84 C.A. Ardagna, M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Supporting Location-Based Conditions in Access Control Policies," in *Proc. of the 1st ACM Symposium on InformAtion, Computer and Communications Security (ASIACCS 2006)*, Taipei, Taiwan, March 21-24, 2006.

IC–85 E. Damiani, S. De Capitani di Vimercati, P. Samarati, "New Paradigms for Access Control in Open Environments," in *Proc. of the 5th IEEE International Symposium on Signal Processing and Information (ISSPIT 2005)*, Athens, Greece, December 18-21, 2005.

IC–86 E. Damiani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, P. Samarati, "Key Management for Multiuser Encrypted Databases," in *Proc. of the 1st International Workshop on Storage Security and Survivability (StorageSS 2005)*, Fairfax, VA, USA, November 11, 2005.

IC–87 S. De Capitani di Vimercati, S. Marrara, P. Samarati, "An Access Control Model for Querying XML Data," in *Proc. of the ACM Workshop on Secure Web Services (SWS 2005)*, Fairfax, VA, USA, November 11, 2005.

IC–88 E. Damiani, S. De Capitani di Vimercati, P. Samarati, M. Viviani, "A WOWA-based Aggregation Technique on Trust Values Connected to Metadata," in *Proc. of the 1st International Workshop on Security and Trust Management (STM 2005)*, Milan, Italy, September 15, 2005.

IC–89 E. Damiani, S. De Capitani di Vimercati, S. Foresti, P. Samarati, M. Viviani, "Measuring Inference Exposure in Outsourced Encrypted Databases," in *Proc. of the 1st Workshop on Quality of Protection (QoP 2005)*, Milan, Italy, September 15, 2005.

IC–90 E. Damiani, S. De Capitani di Vimercati, S. Foresti, S. Jajodia, S. Paraboschi, P. Samarati, "Metadata Management in Outsourced Encrypted Databases," in *Proc. of the 2nd VLDB Workshop on Secure Data Management (SDM 2005)*, Trondheim, Norway, September 2-3, 2005.

IC–91 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Towards Privacy-Enhanced Authorization Policies and Languages," in *Proc. of the 19th IFIP WG11.3 Working Conference on Data and Application Security (DBSec 2005)*, Storrs, CT, USA, August 7-10, 2005.

IC–92 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, C. Fugazza, P. Samarati, "Offline Expansion of XACML Policies Based on P3P Metadata," in *Proc. of the 5th International Conference on Web Engineering (ICWE 2005)*, Sydney, Australia, July 25-29, 2005.

IC–93 R. Aringhieri, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Assessing Efficiency of Trust Management in Peer-to-Peer Systems," in *Proc. of the 1st International Workshop on Collaborative Peer-to-Peer Information Systems (COPS 2005)*, Linkoping University, Sweden, June 13-15, 2005.

IC–94 P. Ceravolo, E. Damiani, S. De Capitani di Vimercati, C. Fugazza, P. Samarati, "Advanced Metadata for Privacy-Aware Representation of Credentials," in *Proc. of the International Workshop on Privacy Data Management (PDM 2005)*, Tokyo, Japan, April 8-9, 2005.

IC–95 S. De Capitani di Vimercati, P. Samarati, S. Jajodia, "Policies, Models, and Languages for Access Control," in *Proc. of the Workshop on Databases in Networked Information Systems*, Aizu-Wakamatsu, Japan, March 28-30, 2005.

IC–96 C.A. Ardagna, E. Damiani, M. Cremonini, S. De Capitani di Vimercati, P. Samarati, "The Architecture of a Privacy-aware Access Control Decision Component," in *Proc. of the 2nd International Workshop on Construction and Analysis of Safe, Secure and Interoperable Smart Devices (CASSIS 2005)*, Nice, France, March 8-11, 2005.

IC–97 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, M. Cremonini, P. Samarati, "Towards Identity Management for E-Services," in *Proc. of the TED Conference on e-Government Electronic democracy: The Challenge Ahead (TCGOV 2005)*, Bozen, Italy, March 2005 (poster session).

IC–98 E.Damiani, A. Esposito, M. Mariotti, P. Samarati, D. Scaccia, N. Scarabottolo, "SSRI Online : First Experiences in a Three-Years Course Degree Offered in E-Learning at the University of Milan (Italy)," in *Proc. of the 1th convegno International Conference on Distributed Multimedia Systems (DMS 2005)*, Banff, Canada, September 5-7, 2005.

IC–99 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "An Open Digest-based Technique for Spam Detection," in *Proc. of the International Workshop on Security in Parallel and Distributed Systems*, San Francisco, CA, USA, September 15-17, 2004.

IC–100 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "A Web Service Architecture for Enforcing Access Control Policies," in *Proc. of the 1st International Workshop on Views On Designing Complex Architectures (VODCA 2004)*, Bertinoro, Italy, September 11-12, 2004.

IC–101 S. Chhabra, E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "A Protocol for Reputation Management in Super-Peer Networks," in *Proc. of the 1st International Workshop on Peer2Peer Data Management, Security and Trust (PDMST 2004)*, Zaragoza, Spain, 30 August - 3 September, 2004.

IC–102 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "P2P-based Collaborative Spam Detection and Filtering," in *Proc. of the 4th IEEE International Conference on Peer-to-Peer Computing (P2P 2004)*, Zurich, Switzerland, August 25-27, 2004.

IC–103 E. Damiani, S. De Capitani di Vimercati, C. Fugazza, P. Samarati, "Extending Policy Languages to the Semantic Web," in *Proc. of the 4th International Conference on Web Engineering (ICWE 2004)*, Munich, Germany, July 28-30, 2004.

IC–104 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Computing Range Queries on Obfuscated Data," in *Proc. of the 10th Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU 2004)*, Perugia, Italy, July 4-9, 2004.

IC–105 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, A. Tironi, L. Zaniboni, "Spam Attacks: P2P to the Rescue", in *Poster Proceedings of the 13th World Wide Web Conference*, New York City, USA, May 17-22, 2004.

IC–106 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, M. Finetti, S. Jajodia, "Implementation of a Storage Mechanism for Untrusted DBMSs," in *Proc. of the 2nd International IEEE Security in Storage Workshop (SISW 2003),* Washington, DC, USA, October 31, 2003.

IC–107 M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "An XML-based Approach to Combine Firewalls and Web Services Security Specifications," in *Proc. of the 2nd ACM Workshop on XML Security (XMLSEC 2003),* Washington, DC, USA, October 31, 2003.

IC–108 E. Damiani, S. De Capitani di Vimercati, S. Jajodia, S. Paraboschi, P. Samarati, "Balancing Confidentiality and Efficiency in Untrusted Relational DBMSs," in *Proc. of the 10th ACM Conference on Computer and Communications Security (CCS 2003),* Washington, DC, USA, October 27-31, 2003.

IC–109 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, M. Pesenti, P. Samarati, S. Zara, "Fuzzy Logic Techniques for Reputation Management in Anonymous Peer-to-Peer Systems," in *Proc. of 3rd Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2003),* Zittau, Germany, September 10-12, 2003.

IC–110 M. Cremonini, E. Damiani, P. Samarati, "Semantic-Aware Perimeter Protection," in *Proc. of the 17th Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2003),* Estes Park, CO, USA, August 4-6, 2003.

IC–111 P. Bonatti, S. De Capitani di Vimercati, P. Samarati, "Towards Flexible Credential Negotiation Protocols," in *Proc. of the 11th Cambridge International Workshop on Security Protocols,* Cambridge, England, April 2-4, 2003.

IC–112 E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Towards Securing XML Web Services," in *Proc. of the 1st ACM Workshop on XML Security (XMLSEC 2002),* Washington, DC, USA, November 22, 2002.

IC–113 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, F. Violante, "A Reputation-based Approach for Choosing Reliable Resources in Peer-to-Peer Networks," in *Proc. of the 9th ACM Conference on Computer and Communications Security (CCS 2002),* Washington, DC, USA, November 17-21, 2002.

IC–114 E. Damiani, S. De Capitani di Vimercati, E. Fernández-Medina, P. Samarati, "An Access Control System for SVG Documents," in *Proc. of the 16th Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2002),* Cambridge, UK, July 2002.

IC–115 F. Cornelli, E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Implementing a Reputation-Aware Gnutella Servent," in *Proc. of the International Workshop on Peer-to-Peer Computing,* Pisa, Italy, May 2002.

IC–116 F. Cornelli, E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Choosing Reputable Servents in a P2P Network," in *Proc. of the 11th International World Wide Web Conference (WWW 2002),* Honolulu, Hawaii, May 2002.

IC–117 P. Bonatti, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "A Component-based Architecture for Secure Data Publication," in *Proc. of the 17th Annual Computer Security Applications Conference (ACSAC 2001),* New Orleans, Louisiana, USA, December 10-14, 2001.

IC–118 P. Bonatti, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "An Access Control System for Data Archives," in *Proc. of the 16th International Conference on Information Security: Trusted Information: The New Decade Challenge,* Paris, France, June 2001.

IC–119 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Fine-Grained Access Control for SOAP E-Services," in *Proc. of the 10th International World Wide Web Conference (WWW 2001)*, Hong Kong, China, May 1-5, 2001.

IC–120 P. Bonatti, P. Samarati, "Regulating Service Access and Information Release on the Web," in *Proc. of the 7th ACM Conference on Computer and Communications Security (CCS 2000),* Athens, Greece, November 1-4, 2000.

IC–121 P. Bonatti, S. De Capitani di Vimercati, P. Samarati, "A Modular Approach to Composing Access Control Policies," in *Proc. of the 7th ACM Conference on Computer and Communications Security (CCS 2000),* Athens, Greece, November 1-4, 2000.

IC–122 S. Dawson, S. De Capitani di Vimercati, P. Lincoln, P. Samarati, "Classifying Information for External Release," in *Proc. of the 8th IFIP TC11 International Conference on Information Security (SEC 2000)*, Beijing, China, August 21-25, 2000.

IC–123 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Regulating Access to Semistructured Information on the Web," in *Proc. of the 8th IFIP TC11 International Conference on Information Security (SEC 2000)*, Beijing, China, August 21-25, 2000.

IC–124 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Securing XML Documents," in *Proc. of the 7th International Conference on Extending Database Technology (EDBT 2000)*, Konstanz, Germania, March 27-31, 2000.

IC–125 S. Dawson, P. Samarati, S. De Capitani di Vimercati, P. Lincoln, G. Wiederhold, M. Bilello, J. Akella, Y. Tan "Secure Access Wrapper: Mediating Security Between Heterogeneous Databases," in *DARPA Information Survivability Conference and Exposition (DISCEX 2000)* Hilton Head, South Carolina, January 25-27, 2000.

IC–126 S. Dawson, S. De Capitani di Vimercati, P. Lincoln, P. Samarati, "Minimal Data Upgrading to Prevent Inference and Association Attacks," in *Proc. of the 18th ACM SIGMOD-SIGACT-SIGART Symposium on Principles of Database Systems (PODS 1999)*, Philadelphia, PA, USA, May 31-June 3, 1999.

IC–127 S. Dawson, S. De Capitani di Vimercati, P. Samarati, "Specification and Enforcement of Classification and Inference Constraints," in *Proc. of the 20th IEEE Symposium on Security and Privacy,* Oakland, CA, USA, May 9-12, 1999.

IC–128 S. De Capitani di Vimercati, P. Lincoln, L. Ricciulli, P. Samarati, "PGRIP: PNNI Global Routing Infrastructure Protection," in *Proc. of the 5th Network and Distributed System Security Symposium (NDSS 1999)*, San Diego, CA, USA, February 3-5, 1999.

IC–129 S. Dawson, P. Samarati, G. Wiederhold, "Ensuring Survivability in Information Sharing," in *Proc. of the Information Survivability Workshop (ISW 1998)*, Orlando, FL, USA, October 28-30, 1998. (position paper)

IC–130 L. Ricciulli, S. De Capitani di Vimercati, P. Samarati, "PNNI Global Routing Infrastructure Protection," in *Proc. of the Information Survivability Workshop (ISW 1998),* Orlando, FL, USA, October 28-30, 1998. (position paper)

IC–131 S. Dawson, S. Qian, P. Samarati, "Secure Interoperation of Heterogeneous Systems: A Mediator-Based Approach," in *Proc. of the 14th IFIP TC11 International Conference on Information Security (SEC 1998),* Vienna, Budapest, August 31-September 4, 1998.

IC–132 P. Samarati, L. Sweeney, "Generalizing Data to Provide Anonymity when Disclosing Information," in *Proc. of the ACM SIGACT-SIGMOD-SIGART 1998 Symposium on Principles of Database Systems (PODS 1998)*, Seattle, USA, June 1-3, 1998 (abstract).

IC–133 S. Jajodia, P. Samarati, V.S. Subramanian, E. Bertino, "A Unified Framework for Enforcing Multiple Access Control Policies," in *Proc. of the ACM International SIGMOD Conference on Management of Data,* Tucson, AZ, USA, May 13-15, 1997.

IC–134 E. Ferrari, P. Samarati, E. Bertino, S. Jajodia, "Providing Flexibility in Information Flow Control," in *Proc. of the IEEE Symposium on Security and Privacy,* Oakland, CA, USA, May 4-7, 1997.

IC–135 S. Jajodia, P. Samarati, V.S. Subramanian, "A Logical Language for Expressing Authorizations," in *Proc. of the 1997 IEEE Symposium on Security and Privacy,* Oakland, CA, USA, May 4-7, 1997.

IC–136 S. De Capitani di Vimercati, P. Samarati, "An Authorization Model for Federated Systems," in *Proc. of the 4th European Symposium On Research In Computer Security (ESORICS 1996),* Rome, Italy, September 25-27, 1996.

IC–137 S. De Capitani di Vimercati, P. Samarati, "Access Control in Federated Systems," in *Proc. of the ACM SIGSAC New Security Paradigms Workshop (NSPW 1996),* Lake Arrowhead, CA, USA, September 16-19, 1996.

IC–138 E. Bertino, C. Bettini, E. Ferrari, P. Samarati, "Supporting Periodic Authorizations and Temporal Reasoning in Database Access Control," in *Proc. of the 22nd International Conference on Very Large Databases (VLBD 1996),* Bombay, India, September 3-6, 1996.

IC–139 E. Ferrari, E. Bertino, C. Bettini, A. Motta, P. Samarati, "On Using Materialization Strategies for a Temporal Authorization Model," in *Proc. of the International Workshop on Materialized Views: Techniques and Applications (in co-operation with ACM-SIGMOD),* Montreal, Canada, June 1996.

IC–140 E. Bertino, S. Jajodia, P. Samarati, "Supporting Multiple Access Control Policies in Database Systems," in *Proc. of the IEEE Symposium on Security and Privacy,* Oakland, CA, USA, May 6-8, 1996.

IC–141 E. Bertino, C. Bettini, E. Ferrari, P. Samarati, "A Decentralized Temporal Authorization Model," in *Information Systems Security - Facing the Information Society of the 21st Century,* S.K. Katsikas and D. Gritzalis (eds.), Chapman & Hall, 1996, pp. 271–280.

IC–142 E. Bertino, S. Jajodia, P. Samarati, "A Non-Timestamped Authorization Model for Relational Databases," in *Proc. of the 3rd ACM Conference on Computer and Communications Security (CCS 1996),* New Delhi, India, March 14-16, 1996.

IC–143 E. Bertino, P. Samarati "Research Issues in Authorization Models for Hypertext Systems" in *Proc. of the ACM SIGSAC New Security Paradigms Workshop (NSPW 1995),* La Jolla, CA, USA, August 22-25, 1995.

IC–144 P. Samarati, P. Ammann, S. Jajodia, "Propagation of Authorizations in Distributed Databases," in *Proc. of the 2nd ACM Conference on Computer and Communications Security (CCS 1994),* Fairfax, VA, USA, November 2-5, 1994.

IC–145 E. Bertino, C. Bettini, P. Samarati, "A Temporal Authorization Model," in *Proc. of the 2nd ACM Conference on Computer and Communications Security (CCS 1994),* Fairfax, VA, USA, November 2-4, 1994.

IC–146 E. Bertino, C. Bettini, P. Samarati, "A Discretionary Access Control Model with Temporal Authorizations," in *Proc. of the ACM SIGSAC New Security Paradigms Workshop (NSPW 1994),* Little Compton, RI, August 3-5, 1994.

IC–147 S. Castano, G. Martella, P. Samarati, "A New Approach to Security System Development," in *Proc. of the ACM SIGSAC New Security Paradigms Workshop (NSPW 1994),* Little Compton, Rhode Island, August 3-5, 1994.

IC–148 E. Bertino, F. Origgi, P. Samarati, "A New Authorization Model for Object-Oriented Databases," in *Database Security VIII - Status and Prospects,* J. Biskup, M. Morgesten, and C.E. Landwehr (eds.), North-Holland 1994, pp. 199–222.

IC–149 E. Bertino, S. Jajodia, P. Samarati, "Enforcing Mandatory Access Controls in Object Bases," in *Security for Object-Oriented Systems,* B. Thuraisingham, R. Sandhu, T.Y. Lin (eds.), Springer Verlag London Ltd., 1994, pp. 96–116.

IC–150 E. Bertino, P. Samarati, "Research Issues in Discretionary Authorizations for Object Bases," in *Security for Object-Oriented Systems,* B. Thuraisingham, R. Sandhu, T.Y. Lin (eds.), Springer Verlag London Ltd., 1994, pp. 183–189.

IC–151 E. Bertino, P. Samarati, S. Jajodia, "Authorizations in Relational Database Management Systems," in *Proc. of the 1st ACM Conference on Computer and Communications Security (CCS 1993),* Fairfax, VA, USA, November 3-5, 1993.

IC–152 E. Bertino, P. Samarati, S. Jajodia, "High Assurance Discretionary Access Control for Object Bases," in *Proc. of the 1st ACM Conference on Computer and Communications Security (CCS 1993),* Fairfax, VA, USA, November 3-5, 1993.

IC–153 S. Castano, P. Samarati, C. Villa, "Verifying System Security Using Petri Nets," in *Proc. of the 27th IEEE International Carnahan Conference on Security Technology,* Ottawa, Canada, October 1993.

IC–154 S. Ceri, M.A.W. Houtsma, A.M. Keller, P. Samarati, "Achieving Incremental Consistency among Autonomous Replicated Databases," in *Proc. of the IFIP Working Conference on Semantics of Interoperable Database Systems (DS-5),* Lorne, Australia, November 16-20, 1992.

IC–155 S. Ceri, M.A.W. Houtsma, A.M. Keller, P. Samarati, "The Case for Independent Updates," in *Proc. of the 2nd Workshop on the Management of Replicated Data II,* Monterey, CA, USA, November 1992.

IC–156 S. Castano, P. Samarati, "An Object-Oriented Security Model for Office Environments," in *Proc. of the 26th IEEE International Carnahan Conference on Security Technology,* Atlanta, GA, USA, October 1992.

IC–157 M.G. Fugini, G. Martella, P. Samarati, "Complementing Access Controls for Comprehensive Security," in *Proc. of the 1st International Conference on Information Systems and Management of Data (CISMOD 1992),* Bangalore, India, July 21-23, 1992.

IC–158 S. Castano, P. Samarati, "Modeling Users' Behavior and Threats in Security Systems," in *Proc. of the International Conference on Safety, Security, and Reliability of Computers (SAFECOMP 1992),* Zurich, Switzerland, September 1992.

IC–159 V. De Antonellis, B. Pernici, P. Samarati, "Object-Orientation in the Analysis of Work Organization and Agent Cooperation," in *Dynamic Modeling of Information Systems, II*, H.G. Sol, R.L. Crosslin, (eds.), North-Holland, 1992.

IC–160 F. Carrettoni, S. Castano, G. Martella, P. Samarati "RETISS: A Real TIme Security System for Threat Detection Using Fuzzy Logic," in *Proc. of the 25th IEEE International Carnahan Conference on Security Technology,* Taipei, Taiwan, October 1991.

IC–161 V. De Antonellis, B. Pernici, P. Samarati, "F-ORM METHOD: a F-ORM Methodology for Reusing Specifications," in *The Object-Oriented Approach in Information Systems,* F. Van Assche, B. Moulin, and C. Roland (eds.), North-Holland 1991, pp. 117–135.

IC–162 V. De Antonellis, B. Pernici, P. Samarati, "Designing Information Systems for Cooperating Agents," in *Human Aspects in Computing: Design and Use of Interactive Systems and Information Management,* H.J. Bullinger (ed.), Elsevier Science Publ., 1991, pp. 1140–1144.

6.6 Chapters in books

BC–1 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Query Integrity in Smart Environments," in *Security and Privacy in Smart Environments*, N. Pitropakis, S. Katsikas (eds.), Springer Nature, 2025.

BC–2 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Digital Infrastructure Policies for Data Security and Privacy in Smart Cities," in *Smart Cities Policies And Financing Handbook*, J.R. Vacca (ed.), Morgan Kaufmann, 2022.

BC–3 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Towards Owner-Controlled Data Sharing," in *Advances in Computing, Informatics, Networking and Cybersecurity: A Book Honoring Professor Mohammad S. Obaidat's Significant Scientific Contributions*, P. Nicopolitidis, S. Misra, L.T. Yang (eds.), Springer, 2022.

BC–4 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Specification and Enforcement of Access Policies in Emerging Scenarios," in *Cloud Computing Security: Foundations and Challenges, 2nd Edition*, J. Vacca (ed.), CRC Press, 2020.

BC–5 E. Bacis, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, M. Rosa, P. Samarati, "Protecting Resources and Regulating Access in Cloud-based Object Storage," in *From Database to Cyber Security: Essays Dedicated to Sushil Jajodia on the Occasion of his 70th Birthday*, I. Ray, I. Ray, P. Samarati (eds.), Springer, 2018.

BC–6 S. De Capitani di Vimercati, S. Foresti, G. Livraga, V. Piuri, P. Samarati, "Supporting Users in Cloud Plan Selection," in *From Database to Cyber Security: Essays Dedicated to Sushil Jajodia on the Occasion of his 70th Birthday*, I. Ray, I. Ray, P. Samarati (eds.), Springer, 2018.

BC–7 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Access Privacy in the Cloud," in *From Database to Cyber Security: Essays Dedicated to Sushil Jajodia on the Occasion of his 70th Birthday*, I. Ray, I. Ray, P. Samarati (eds.), Springer, 2018.

BC–8 S. De Capitani di Vimercati, S. Foresti, G. Livraga, S. Paraboschi, P. Samarati, "Confidentiality Protection in Large Databases," in *A Comprehensive Guide Through the Italian Database Research Over the Last 25 Years*, S. Flesca, S. Greco, E. Masciari, D. Saccà (eds.), Springer, 2017.

BC–9 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Supporting Users in Data Outsourcing and Protection in the Cloud," in *Proc. of the6th International Conference on Cloud Computing and Services Science (CLOSER 2016)*, Rome, Italy, April 23-25, 2016.

BC–10 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Specification and Enforcement of Access Policies in Emerging Scenarios," in *Cloud Computing Security: Foundations and Challenges*, J.R. Vacca (ed.), CRC Press, 2016.

BC–11 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Practical Techniques Building on Encryption for Protecting and Managing Data in the Cloud," in *Festschrift for David Kahn*, P. Ryan, D. Naccache, J.-J. Quisquater (eds.), Springer, 2016.

BC–12 P. Samarati, S. De Capitani di Vimercati, "Cloud Security: Issues and Concerns," in *Encyclopedia on Cloud Computing*, S. Murugesan, I. Bojanova (eds.), Wiley, 2016 (to appear).

BC–13 S. De Capitani di Vimercati, S. Foresti, G. Livraga, S. Paraboschi, P. Samarati, "Privacy in Pervasive Systems: Social and Legal Aspects and Technical Solutions," in *Data Management in Pervasive Systems*, F. Colace, M. De Santo, V. Moscato, A. Picariello, F. Schreiber, L. Tanca (eds.), Springer, 2015.

BC–14 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Selective and Private Access to Outsourced Data Centers," in *Handbook on Data Centers*, S.U. Khan, A.Y. Zomaya (eds.), Springer, 2015.

BC–15 S. De Capitani di Vimercati, R.F. Erbacher, S. Foresti, S. Jajodia, G. Livraga, P. Samarati, "Encryption and Fragmentation for Data Confidentiality in the Cloud," in *Foundations of Security Analysis and Design VII*, A. Aldini, J. Lopez, F. Martinelli (eds.), Springer, 2014.

BC–16 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Selective and Fine-Grained Access to Data in the Cloud," in *Secure Cloud Computing*, S. Jajodia, K. Kant, P. Samarati, V. Swarup, C. Wang (eds.), Springer, 2014.

BC–17 S. De Capitani di Vimercati, P. Samarati, R. Sandhu, "Access Control," in *Computer Science Handbook (3rd edition) - Information Systems and Information Technology*, A. Tucker, and H. Topi (eds.), Taylor and Francis Group, 2014.

BC–18 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, P. Samarati, "Database Security and Privacy," in *Computer Science Handbook (3rd edition) - Information Systems and Information Technology*, A. Tucker, and H. Topi (eds.), Taylor and Francis Group, 2014.

BC–19 S. Foresti, P. Samarati, "Supporting User Privacy Preferences in Digital Interactions," in *Computer And Information Security Handbook, 2nd Edition*, J.R. Vacca (ed.), Morgan Kaufmann, 2013.

BC–20 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Protecting Data in Outsourcing Scenarios," in *Handbook on Securing Cyber-Physical Critical Infrastructure*, S.K Das, K. Kant, and N. Zhang (eds.), Morgan Kaufmann, 2012.

BC–21 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, "Protecting Privacy in Data Release," in *Foundations of Security Analysis and Design VI,* A. Aldini, and R. Gorrieri (eds.), Springer, 2011.

BC–22 C.A. Ardagna, S. De Capitani di Vimercati, G. Neven, S. Paraboschi, E. Pedrini, F.-S. Preiss, P. Samarati, M. Verdicchio, "Advances in Access Control Policies," in *Privacy and Identity Management for Life,* J. Camenisch, S. Fischer-Huebner, K. Rannenberg (eds.), Springer, 2011.

BC–23 M. Bezzi, S. De Capitani di Vimercati, S. Foresti, G. Livraga, S. Paraboschi, P. Samarati, "Data Privacy," in *Privacy and Identity Management for Life,* J. Camenisch, S. Fischer-Hubner, K. Rannenberg (eds.), Springer, 2011.

BC–24 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, G. Pelosi, P. Samarati, "Selective Exchange of Confidential Data in the Outsourcing Scenario," in *Privacy and Identity Management for Life,* J. Camenisch, S. Fischer-Hubner, K. Rannenberg (eds.), Springer, 2011.

BC–25 C.A. Ardagna, S. De Capitani di Vimercati, E. Pedrini, P. Samarati, "Privacy-Aware Access Control System: Evaluation and Decision," in *Digital Privacy: PRIME - Privacy and Identity Management for Europe,* J. Camenisch, R. Leenes, D. Sommer (eds.), Springer, 2011.

BC–26 C.A. Ardagna, S. De Capitani di Vimercati, P. Samarati, "Privacy Models and Languages: Access Control and Data Handling Policies," in *Digital Privacy: PRIME - Privacy and Identity Management for Europe*, J. Camenisch, R. Leenes, and D. Sommer (eds.), Springer, 2011.

BC–27 C.A. Ardagna, S. De Capitani di Vimercati, P. Samarati, "Personal Privacy in Mobile Networks," in *Mobile Technologies for Conflict Management: Online Dispute Resolution, Governance, Participation*, M. Poblet (ed.), Springer Science+Business Media B.V., 2011.

BC–28 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Protecting Information Privacy in the Electronic Society," in *e-Business and Telecommunications International Conference (ICETE 2009)*, J. Filipe and M.S. Obaidat (eds.), Springer, 2011.

BC–29 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Theory of Privacy and Anonymity," in *Algorithms and Theory of Computation Handbook*, second edition, M. Atallah and M. Blanton (eds.), CRC Press, 2009.

BC–30 C.A. Ardagna, M. Cremonini, S. De Capitani di Vimercati, P. Samarati, "Access Control in Location-Based Services," in *Privacy in Location Based Applications*, C. Bettini, S. Jajodia, P. Samarati, and S. Wang (eds.), Springer, 2009.

BC–31 C.A. Ardagna, S. Jajodia, P. Samarati, A. Stavrou, "Privacy Preservation over Untrusted Mobile Networks," in *Privacy in Location Based Applications: Research Issues and Emerging Trends*, C. Bettini, S. Jajodia, P. Samarati, and S. Wang (eds.), Springer, 2009.

BC–32 C.A. Ardagna, M. Cremonini, S. De Capitani di Vimercati, P. Samarati, "Location Privacy in Pervasive Computing," in *Security and Privacy in Mobile and Wireless Networking*, S. Gritzalis, T. Karygiannis, and C. Skianis (eds.), Troubador Publishing, 2009.

BC–33 C.A. Ardagna, M. Cremonini, S. De Capitani di Vimercati, P. Samarati, "Managing Privacy in Location-based Access Control Systems," in *Mobile Intelligence: Mobile Computing and Computational Intelligence*, L.T. Yang, A.B. Waluyo, J. Ma, L. Tan, and B. Srinivasan (eds.), John Wiley & Sons, Inc., 2008.

BC–34 C.A. Ardagna, M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Privacy in the Electronic Society: Emerging Problems and Solutions," in *Statistical Science and Interdisciplinary Research - Vol. 3: Algorithms, Architectures and Information Systems Security*, B.B. Bhattacharya, S. Sur-Kolay, S.C. Nandy, and A. Bagchi (eds.), World Scientific Press, 2008.

BC–35 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Recent Advances in Access Control," in *The Handbook of Database Security: Applications and Trends*, M. Gertz and S. Jajodia (eds.), Springer-Verlag, 2008.

BC–36 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Access Control Models for XML," in *The Handbook of Database Security: Applications and Trends*, M. Gertz and S. Jajodia (eds.), Springer-Verlag, 2008.

BC–37 C.A. Ardagna, M. Cremonini, S. De Capitani di Vimercati, P. Samarati, "Privacy-enhanced Location-based Access Control," in *The Handbook of Database Security: Applications and Trends*, M. Gertz and S. Jajodia (eds.), Springer-Verlag, 2008.

BC–38 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, P. Samarati, "k-Anonymous Data Mining: A Survey," in *Privacy-Preserving Data Mining: Models and Algorithms*, C.C. Aggarwal and P.S. Yu (eds.), Springer-Verlag, 2008.

BC–39 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Access Control," in *Handbook of Computer Networks*, H. Bidgoli (ed.), Wiley, 2007.

BC–40 M. Cremonini, P. Samarati, "Business Continuity Planning," in *Handbook of Computer Networks*, H. Bidgoli (ed.), Wiley, 2007.

BC–41 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Privacy of Outsourced Data," in *Digital Privacy: Theory, Technologies and Practices*, A. Acquisti, S. Gritzalis, C. Lambrinoudakis, and S. De Capitani di Vimercati, (eds.), Auerbach Publications (Taylor and Francis Group), 2007.

BC–42 C.A. Ardagna, M. Cremonini, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Privacy-Enhanced Location Services Information," in *Digital Privacy: Theory, Technologies and Practices*, A. Acquisti, S. Gritzalis, C. Lambrinoudakis, and S. De Capitani di Vimercati, (eds.), Auerbach Publications (Taylor and Francis Group), 2007.

BC–43 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, P. Samarati, "k-Anonymity," in *Secure Data Management in Decentralized Systems*, T. Yu and S. Jajodia (eds.), Springer-Verlag, 2007.

BC–44 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, P. Samarati, "Access Control Policies and Languages in Open Environments," in *Secure Data Management in Decentralized Systems*, T. Yu and S. Jajodia (eds.), Springer-Verlag, 2007.

BC–45 V. Ciriani, S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Microdata Protection," in *Secure Data Management in Decentralized Systems*, T. Yu and S. Jajodia (eds.), Springer-Verlag, 2007.

BC–46 S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Authorization and Access Control," in *Security, Privacy and Trust in Modern Data Management*, M. Petkovic and W. Jonker (eds.), Springer-Verlag, 2007.

BC–47 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, S. Foresti, P. Samarati, "Trust Management," in *Security, Privacy and Trust in Modern Data Management*, M. Petkovic and W. Jonker (eds.), Springer-Verlag, 2007.

BC–48 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, P. Samarati, "XML Security," in *Security, Privacy and Trust in Modern Data Management*, M. Petkovic and W. Jonker (eds.), Springer-Verlag, 2007.

BC–49 M. Cremonini, P. Samarati, "Contingency Planning Management," in *Handbook of Information Security*, H. Bidgoli (ed.), Wiley, 2006.

BC–50 S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Access Control: Principles and Solutions," in *Handbook of Information Security*, H. Bidgoli (ed.), Wiley, 2006.

BC–51 S. De Capitani di Vimercati, P. Samarati, "New Directions in Access Control," in *Cyberspace Security and Defense: Research Issues,* Kluwer Academic Publisher, 2005.

BC–52 P. Bonatti, P. Samarati, "Logics for Authorizations and Security," in *Logics for Emerging Applications of Databases*, J. Chomicki, R. van der Meyden, G. Saake (eds.), LNCS, Springer-Verlag 2003.

BC–53 M. Cremonini, P. Samarati, "Disaster Recovery Planning," in *The Internet Encyclopedia*, H. Bidgoli (ed.), John Wiley & Sons Inc., 2003.

BC–54 S. De Capitani di Vimercati, P. Samarati, S. Jajodia, "Database Security," in *Wiley Encyclopedia of Software Engineering,* J. Marciniak (ed.), John Wiley & Sons, 2002.

BC–55 P. Samarati, S. De Capitani di Vimercati, "Access Control: Policies, Models, and Mechanisms," in Lectures of the School on *Foundations of Security Analysis and Design*, R. Focardi and R. Gorrieri (eds.), Lecture Notes of Computer Science 2171, Springer-Verlag, 2001.

BC–56 S. De Capitani di Vimercati, P. Samarati, S. Jajodia, "Hardware and Software Data Security," in *EOLSS The Encyclopedia of Life Support Systems,* D. Kaeli and Z. Navabi (eds.), EOLSS Publishers, 2001.

BC–57 P. Samarati, S. Jajodia, "Data Security," in *Wiley Encyclopedia of Electrical and Electronics Engineering,* J.G. Webster (ed.), John Wiley & Sons, February 1999.

BC–58 R. Sandhu, P. Samarati, "Authentication, Access Control and Intrusion Detection," in *CRC Handbook of Computer Science and Engineering,* A.B. Tucker (ed.), CRC Press Inc., 1997.

BC–59 S. Castano, G. Martella, P. Samarati, "Virus, Pirateria, Sabotaggio: l'Emergenza delle Difficoltà," in *Le Scienze della Comunicazione,* RCS Libri & Grandi Opere, 1996/1997.

BC–60 S. Castano, G. Martella, P. Samarati, "Verso la Sicurezza," in *Le Scienze della Comunicazione,* RCS Libri & Grandi Opere, 1996/1997.

BC–61 E. Bertino, S. Jajodia, P. Samarati, "Access Controls in Object-Oriented Database Systems: Some Approaches and Issues," *Advanced Database Systems,* N.R. Adam and B.K. Bhargava (eds.), LNCS 759, Springer-Verlag, 1993.

6.7 Refereed papers in national journals

NJ–1 G. Martella, P. Samarati "La Sicurezza dell'Informazione Aziendale," in *Rivista di Informatica,* vol. XIX, no. 3, 1989, pp. 229–254.

6.8 Refereed papers in proceedings of national conferences

NC–1 P. Samarati, "Multilevel Relational Databases: Issues and Solutions," in *Atti del Congresso Annuale AICA,* Palermo, Italy, September 21-23, 1994, pp. 1825–1847.

NC–2 S. Castano, P. Samarati, C. Villa, "Un Modello di Sicurezza per Ambienti Ipertestuali," in *Atti del Congresso Annuale AICA,* Lecce, Italy, September 22-24, 1993, pp. 45–60.

NC–3 S. Castano, P. Samarati, "Un Modello per la Rilevazione delle Minacce in un Sistema di Elaborazione," in *Atti del Congresso Annuale AICA,* Torino, Italy, October 1992, pp. 29–42.

NC–4 S. Castano, G. Martella, P. Samarati, "Un Modello per la Protezione di Basi di Conoscenza," in *Atti del Congresso Annuale AICA,* Siena, Italy, September 25-27, 1991, pp. 729–751.

NC–5 M. Bianchini, G. Martella, P. Samarati "Un Sistema di Sicurezza Object-Oriented per la Protezione dei Documenti nei Sistemi Informativi per l'Ufficio," in *Atti del Congresso Annuale AICA,* Bari, Italy, September 19-21, 1990, pp. 907–933.

6.9 Other publications

O–1 S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, "Data Privacy and Computation Integrity in Machine Learning Scenarios: Some Issues and Approaches," in *Bulletin of the IEEE Technical Committee on Data Engineering*, vol. 49, n. 4, December 2025, pp. 33-46.

O–2 S. De Capitani di Vimercati, P. Samarati, "k-Anonymity," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–3 S. De Capitani di Vimercati, P. Samarati, "Mandatory Access Control (MAC) Policies," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–4 S. De Capitani di Vimercati, P. Samarati, "Polyinstantiation," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–5 S. De Capitani di Vimercati, P. Samarati, "Administrative Policies," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–6 P. Samarati, "Flexible Authorization Framework (FAF)," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–7 G. Livraga, P. Samarati, "Multilevel DBMS," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–8 S. De Capitani di Vimercati, P. Samarati, "Chinese Wall," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–9 S. De Capitani di Vimercati, P. Samarati, "Clark and Wilson Model," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–10 S. De Capitani di Vimercati, P. Samarati, "Recursive Revoke," in *Encyclopedia of Cryptography, Security, and Privacy*, S. Jajodia, P. Samarati, M. Yung (eds), Springer, 2025.

O–11 P. Samarati, "MoSAICroWN - Data Protection in the Data Market Scenario," in *ERCIM News*, no. 121, April 2020.

O–12 S. De Capitani di Vimercati, P. Samarati, "Administrative Policies," in *Encyclopedia of Cryptography and Security,* H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

item S. De Capitani di Vimercati, P. Samarati, "Clark and Wilson," in *Encyclopedia of Cryptography and Security,* H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

O–13 S. De Capitani di Vimercati, P. Samarati, "Chinese Wall," in *Encyclopedia of Cryptography and Security*, H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

O–14 S. De Capitani di Vimercati, P. Samarati, "Mandatory Access Control Policies (MAC)," in *Encyclopedia of Cryptography and Security*, H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

O–15 S. De Capitani di Vimercati, P. Samarati, "Polyinstantiation," in *Encyclopedia of Cryptography and Security*, H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

O–16 G. Livraga, P. Samarati, "Multilevel Database," in *Encyclopedia of Cryptography and Security*, H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

O–17 P. Samarati, "Flexible Authorization Framework (FAF)," in *Encyclopedia of Cryptography and Security*, H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

O–18 P. Samarati, "k-Anonymity," in *Encyclopedia of Cryptography and Security*, H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

O–19 P. Samarati, "Recursive Revoke," in *Encyclopedia of Cryptography and Security*, H.C.A. van Tilborg, and S. Jajodia (eds.), Springer, 2011.

O–20 S. De Capitani di Vimercati, P. Samarati, "Data Privacy: Problems and Solutions," in *3rd International Conference on Information Systems Security (ICISS 2007)*, Delhi, India, December 16-20, 2007 (invited paper).

O–21 S. De Capitani di Vimercati, P. Samarati, "Protecting Privacy in the Global Infrastructure," in *Proc. of the International Conference on Information Security and Computer Forensics*, Chennai, India, December 6-8, 2006 (invited paper).

O–22 S. De Capitani di Vimercati, P. Samarati, "Privacy in the Electronic Society," in *Proc. of the International Conference on Information Systems Security (ICISS 2006)*, Kolkata, India, December 19-21, 2006 (invited paper).

O–23 E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Privacy Enhanced Authorizations and Data Handling," in *W3C Workshop on Languages for Privacy Policy Negotiation and Semantics-Driven Enforcement*, Ispra, Italy, October 17, 2006.

O–24 E. Damiani, S. David, S. De Capitani di Vimercati, C. Fugazza, P. Samarati, "Open World Reasoning in Semantics-Aware Access Control: a Preliminary Study," in *2nd Italian Semantic Web Workshop (SWAP 2005)*, Trento, Italy, December 14-16, 2005.

O–25 E. Damiani, S. De Capitani di Vimercati, P. Samarati, "Towards Privacy-Aware Identity Management," in *ERCIM News*, no. 63, October 2005.

O–26 E. Damiani, S. De Capitani di Vimercati, C. Fugazza, P. Samarati, "Semantics-aware Privacy and Access Control: Motivation and Preliminary Results," in *1st Italian Semantic Web Workshop*, Ancona, Italy, December 10, 2004.

O–27 E. Damiani, S. De Capitani di Vimercati, S. Paraboschi, P. Samarati, "Reputation-based Pseudonymity: An Alternative or a Complement to Strong Identities?," in *Workshop on Security and Dependability*, Brussels, Belgium, May 10, 2004.

O–28 E. Damiani, P. Samarati, "Towards Context Awareness in Ambient Intelligence," in *Workshop on R&D Challenges for Resilience in Ambient Intelligence*, Brussels, Belgium, March 19, 2004.

O–29 P. Samarati, "Access Control in the Open Infrastructure," in *Proc. ITI First International Conference on Information & Communication Technology (ICICT 2003)*, Cairo, Egypt, December 2003.

O–30 E. Damiani, P. Samarati, C. Ardagna, M. Lupo Stanghellini "Sicurezza e Web Service," in *Sicurezza Digitale*, no. 2, October 2003.

O–31 S. De Capitani di Vimercati, P. Samarati, "Privacy in the Electronic Society," in *TILT*, no. 15, March 2003, pp. 94-97.

O–32 D. Chadwick, M.S. Olivier, P. Samarati, E. Sharpston, B.M. Thuraisingham, "Privacy and Civil Liberties," in *Research Directions in Data and Applications Security*, E. Gudes and S. Shenoi (eds.), Kluwer, 2003, pp. 331-345.

O–33 P. Samarati, "Regulating Access to Web-published Data," in ERCIM News no.49, April 2002.

O–34 P. Samarati, "Enriching Access Control to Support Credential-Based Specifications," in *Jahrestagung der Gesellschaft fur Informatik (Informatik 2002)*, Dortmund, Germany, September 30-October 3, 2002.

O–35 S. Osborn, B. Thuraisingham, P. Samarati, "Panel of XML and Security," in *Database and Application Security XV*, Kluwer, 2001, pp. 317-324.

O–36 E. Damiani, P. Samarati, "On the Secure Interoperability of E-Business Services," in *Business Briefing, Global InfoSecurity,* 2001.

O–37 J. Dobson, M. Olivier, S. Jajodia, P. Samarati, B. Thuraisingham, "Privacy Issues in WWW and Data Mining: Panel Discussion," in *Database Security XII - Status and Prospects*, S. Jajodia (ed.), Kluwer, 1999.

O–38 B. Thuraisingham, L. Schillper, P. Samarati, T.Y. Lin, S. Jajodia, C. Clifton, "Security Issues in Data Warehousing and Data Mining: Panel Discussion," in *Database Security XI - Status and Prospects*, T.Y. Lin and S. Qian (eds.), Chapman & Hall, 1998, pp. 3–16.

O–39 R. Thomas, E. Bertino, P. Samarati, H. Bruggemann, B. Hartman, R. Sandhu, T.C. Ting, "Panel Discussion: Role-Based Access Control and Next-Generation Security Models," in *Database Security IX - Status and Prospects*, D. Spooner, S. Demurjian, J. Dobson (eds.), Chapman & Hall, 1997, pp. 289-298.

O–40 S. Ceri, M.A.W. Houtsma, A.M. Keller, P. Samarati, "A Classification of Update Methods for Replicated Databases," in *Internal Report CS Dept. Stanford University, STAN-CS-91-1392*, October 1991, pp. 1–17.

O–41 M. Bianchini, S. Castano, G. Martella, P. Samarati, "Un Sistema di Sicurezza Object-Oriented per la Protezione di Documenti," in *Sistemi e Software,* no. 25, January 1992.

O–42 G. Martella, P. Samarati "La Progettazione dei Sistemi di Protezione delle Informazioni in Azienda," in *Data Manager,* October 1989.