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1 Stato di Servizio e Formazione

Stato di Servizio

- *Agosto 2019 – oggi*: ricercatore a tempo determinato RTD-B, Dipartimento di Informatica, Università degli Studi di Milano
- *Maggio 2017 – Luglio 2019*: ricercatore a tempo determinato RTD-A, Dipartimento di Informatica, Università degli Studi di Milano
- *Luglio 2014 – Aprile 2017*: titolare di assegno di ricerca di tipo A (“Sicurezza e Privacy nel Cloud Computing e in Scenari Emergenti”), Dipartimento di Informatica, Università degli Studi di Milano
- *Gennaio 2014 – Giugno 2014*: titolare di assegno di ricerca di tipo B (“Protezione dei Dati in Scenari Emergenti”), Dipartimento di Informatica, Università degli Studi di Milano
- *Gennaio 2011 – Dicembre 2013*: titolare di borsa di studio triennale per il finanziamento di dottorati di ricerca, Università degli Studi di Milano
- *Agosto 2010 – Dicembre 2010*: collaboratore alla ricerca, Dipartimento di Tecnologie dell’Informazione, Università degli Studi di Milano (Security, Privacy, and Data Protection Lab)

Abilitazione Scientifica Nazionale

- *Agosto 2018*: Conseguimento dell’Abilitazione Scientifica Nazionale per la seconda fascia, settore concorsuale 01/B1

Formazione Accademica

- *Marzo 2014*: Dottorato di Ricerca in Informatica (XXVI ciclo) presso l’Università degli Studi di Milano
- *Aprile 2010*: Laurea Magistrale in Scienze e Tecnologie dell’Informazione presso l’Università degli Studi di Milano
- *Dicembre 2006*: Laurea in Sicurezza dei Sistemi e delle Reti Informatiche presso l’Università degli Studi di Milano

Periodi di Formazione e Ricerca presso Centri Esteri

- *29 Luglio 2013 – 30 Agosto 2013*: Center for Secure Information Systems, George Mason University, VA, USA (per collaborazione con il direttore del centro Prof. Sushil Jajodia)
- *27 Luglio 2012 – 29 Agosto 2012*: Center for Secure Information Systems, George Mason University, VA, USA (per collaborazione con il direttore del centro Prof. Sushil Jajodia)
- *29 Luglio 2011 – 29 Agosto 2011*: Center for Secure Information Systems, George Mason University, VA, USA (per collaborazione con il direttore del centro Prof. Sushil Jajodia)
- *5 Ottobre 2009 – 3 Luglio 2010*: Security and Trust Group, SAP Labs France, Francia (per collaborazione con vari membri del gruppo di ricerca)

Scuole Internazionali

- *3–8 Settembre 2012*: Partecipazione alla “12th International School on Foundations of Security Analysis and Design” (FOSAD 2012), Bertinoro, Italia
- *26 Luglio–8 Agosto 2009*: Partecipazione alla “12th Summer School – Intensive Programme on Information and Communication Security” (IPICS 2009), Technische Universität Wien, Austria

2 Progetti di Ricerca

Partecipa/ha partecipato attivamente ai seguenti progetti di ricerca nazionali e internazionali.

- EU H2020 Research and Innovation Programme (Supporting the Emergence of Data Markets and the Data Economy)
Titolo del Progetto: Multi-Owner Data Sharing for Analytics and Integration respecting Confidentiality and Owner Control
Durata del Progetto: Gennaio 2019 – Dicembre 2021
- Piano sostegno alla ricerca 2018 (progetto interno annuale, Università degli Studi di Milano)
Titolo del Progetto: Supporting Users in Data Outsourcing and Protection in the Cloud
- *FFABR 2017*
finanziamento per attività di base di ricerca, finanziato dal Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)
- Piano sostegno alla ricerca 2017 (progetto interno annuale, Università degli Studi di Milano)
Titolo del Progetto: Supporting Users in Data Outsourcing and Protection in the Cloud
- EU H2020 Research and Innovation Programme (Advanced Cloud Infrastructures and Services)
Titolo del Progetto: Enforceable Security in the Cloud to Uphold Data Ownership (ESCUDO-CLOUD)
Durata del Progetto: Gennaio 2015 – Dicembre 2017
- Programma EU Settimo Programma Quadro (SEC - Research Theme: Security)
Titolo del Progetto: Automated Border Control Gates for Europe (ABC4EU)
Durata del Progetto: Gennaio 2014 – Ottobre 2017
- Programma EU Settimo Programma Quadro (ICT - Information and Communication Technologies)
Titolo del Progetto: Privacy and Identity Management in Europe for Life (PrimeLife)
Durata del Progetto: Marzo 2008 – Giugno 2011
- Google Faculty Research Award
Titolo del Progetto: Fine-Grained Access Control for Social Networking Applications
Durata del Progetto: Giugno 2012 – Giugno 2013
- PRIN 2010-2011
Titolo del Progetto: Data-driven Genomic Computing (GenData 2020)
Durata del Progetto: Febbraio 2013 – Gennaio 2016
- PRIN 2008
Titolo del Progetto: PEPPER: Privacy E Protezione di dati PERSONALI
Durata del Progetto: Marzo 2010 – Settembre 2012
- Piano sostegno alla ricerca 2015-2017 (progetto interno di Ateneo)
Titolo del Progetto: Storing and Querying Sensitive Data in the Cloud
Durata del Progetto: Novembre 2015 – Novembre 2016
- UNIMI per il futuro - 5 per Mille (progetto interno di Ateneo)
Titolo del Progetto: Pubblicazione di dati ambientali nel rispetto della privacy
Durata del Progetto: Marzo 2010 – Febbraio 2012

3 Partecipazione a Gruppi di Ricerca Nazionali e Internazionali

- *Membro*, attualmente in qualità di RTD-A, del Laboratorio di Ricerca *Security, Privacy, and Data Protection (SPDP Lab.)*, Dipartimento di Informatica, Università degli Studi di Milano
L'attività di ricerca riguarda varie problematiche connesse a sicurezza, privacy, e protezione dati. L'attività è svolta anche nell'ambito di progetti e collaborazioni con altre università italiane e straniere, e centri di ricerca internazionali. Le collaborazioni includono British Telecom (UK); Dell (Irlanda); GEIE ERCIM W3C (Francia); IMB Research (Svizzera); Mastercard (Belgio); SAP Labs (Francia); SAP (Germania); Technische Universität Darmstadt (Germania); Università degli Studi di Bergamo (Italia); Wellness Telecom (Spagna).
- *Membro*, in qualità di visiting scholar, del *Center for Secure Information Systems (CSIS)*, George Mason University, VA, USA

4 Interventi Invitati, Lezioni a Scuole Internazionali, Congressi, Seminari

Interventi Invitati

- *Privacy and Data Protection in Healthcare*, HIMSS and Health 2.0 European Conference, Helsinki, Finlandia, 12 Giugno 2019
- *Microdata Release: Privacy Issues and Available Solutions*, European Commission Joint Research Centre (JRC), Ispra, Italia, 12 Settembre 2016
- *Protecting Privacy in Data Release*, 11th International Workshop on Security and Trust Management (STM 2015), Vienna, Austria, 21 Settembre 2015

Lezioni a Scuole Internazionali

- *Data Security and Privacy in Emergin Scenarios*, IEEE Summer School of Information Engineering “AI and Machine Learning for ICT Applications”, 12 Luglio 2019, Bressanone, Italia.

Relazioni a Congressi

- 2nd International Forum on Research and Technologies for Society and Industry (RTSI 2016), 9 Settembre 2016, Bologna, Italia. Presentazione del lavoro *A Consensus-based Approach for Selecting Cloud Plans*, di A. Arman, S. Foresti, G. Livraga, P. Samarati
- 2nd International Forum on Research and Technologies for Society and Industry (RTSI 2016), 9 Settembre 2016, Bologna, Italia. Presentazione del lavoro *Application Requirements with Preferences in Cloud-based Information Processing*, di S. De Capitani di Vimercati, G. Livraga, V. Piuri
- International Conference on Internet of Things and Big Data (IoTBD 2016), 25 Aprile 2016, Roma, Italia. Presentazione del lavoro *Supporting Application Requirements in Cloud-based IoT Information Processing*, di S. De Capitani di Vimercati, G. Livraga, V. Piuri, P. Samarati, G.A. Soares
- 15th IEEE International Conference on Computational Science and Engineering (CSE 2012), 7 Dicembre 2012, Paphos, Cipro. Presentazione del lavoro *Protecting Privacy of User Information in Continuous Location-Based Services*, di C.A. Ardagna, G. Livraga, P. Samarati
- 1st IEEE-AESS Conference in Europe about Space and Satellite Communications (ESTEL 2012), 4 Ottobre 2012, Roma, Italia. Presentazione del lavoro *Privacy and Security in Environmental Monitoring Systems*, di S. De Capitani di Vimercati, G. Livraga, V. Piuri, F. Scotti

Partecipazioni a Congressi

- 13th DPM International Workshop on Data Privacy Management (DPM 2018), 03–07 Settembre 2018, Barcellona, Spagna
- IEEE International Conference on Environmental Engineering (IEEE-EE 2018), 12–14 Marzo 2018, Milano, Italia
- 13th International Workshop on Security and Trust Management (STM 2017), September 14–15 Settembre 2017, Oslo, Norvegia
- 31st Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2017), July 19–21 Luglio 2017, Philadelphia, PA, USA
- 15th International Conference on Cryptology and Network Security (CANS 2016), 14–16 Novembre 2016, Milano, Italia
- 11th International Workshop on Data Privacy Management (DPM 2016), 26–27 Settembre 2016, Heraklion, Creta, Grecia
- 12th International Workshop on Security and Trust Management (STM 2016), 26–27 Settembre 2016, Heraklion, Creta, Grecia
- 5th International Workshop on Quantitative Aspects of Security Assurance (QASA 2016), 26–27 Settembre 2016, Heraklion, Creta, Grecia
- 2nd IEEE World Forum on Internet of Things (IEEE WF-IoT 2015), 14–16 Dicembre 2015, Milano, Italia
- 2015 IEEE Conference on Communications and Network Security (IEEE CNS 2015), 28–30 Settembre 2015, Firenze, Italia

- 1st IEEE Workshop on Security and Privacy in the Cloud (IEEE SPC 2015), 30 Settembre 2015, Firenze, Italia
- 5th International Conference on Network and System Security (NSS 2011), 6–8 Settembre 2011, Milano, Italia

Seminari Inerenti a Temi di Ricerca

- *Integrity for Distributed Queries in the Cloud*, Università degli Studi di Milano, Dipartimento di Informatica, Crema, Italia, Settembre 2015
- *Privacy, Sicurezza e Social Network*, Collegio degli Angeli, Treviglio, Italia, Dicembre 2013
- *Internet, Sicurezza, e Giovani Utenti*, Collegio degli Angeli, Treviglio, Italia, Dicembre 2013
- *Navigare Sicuri: i Rischi di Internet*, Istituto Comprensivo di Trescore Cremasco, Trescore Cremasco, Italia, Marzo 2013
- *I Social Network e la Privacy*, Istituto Comprensivo di Trescore Cremasco, Vailate, Italia, Febbraio 2013
- *I Social Network e la Privacy*, Istituto Comprensivo di Trescore Cremasco, Trescore Cremasco, Italia, Febbraio 2013
- *Cosa Sono i Social Networks: Rischi e Benefici*, IIS “Galilei”, Crema, Italia, Novembre 2012
- *Internet e Social Networks: la Tutela della Privacy*, Liceo Classico “Manin”, Cremona, Italia, Novembre 2012
- *Enforcing Subscription-Based Authorization Policies in Cloud Scenarios*, 12th International School on Foundations of Security Analysis and Design (FOSAD 2012), Bertinoro, Italia, Settembre 2012
- *I Social Network in Chiave Didattica*, Università degli Studi di Milano, Dipartimento di Informatica, Crema, Italia, Giugno 2012
- *La tutela della Privacy in Internet*, Università degli Studi di Milano, Dipartimento di Informatica, Crema, Italia, Giugno 2012
- *I Social Network e la Tutela della Privacy*, Scuola Media “Galmozzi”, Crema, Italia, Giugno 2012
- *Privacy e Social Network - I miei Dati su Facebook*, Istituto Comprensivo di Trescore Cremasco, Vailate, Italia, Maggio, 2012
- *Privacy e Social Network*, Istituto Comprensivo di Trescore Cremasco, Trescore Cremasco, Italia, Maggio, 2012
- *Privacy nella Società dell’Informazione - Dove Sono i miei Dati?*, Istituto Tecnico “Luca Pacioli”, Crema, Italia, Maggio 2011

5 Premi, Riconoscimenti, Borse di Studio

Premi e Riconoscimenti

- *FFABR 2017*: finanziamento per attività di base di ricerca, finanziato dal Ministero dell’Istruzione, dell’Università e della Ricerca (MIUR)
- *ERCIM (European Research Consortium for Informatics and Mathematics) STM WG 2015 Award for the Best PhD Thesis on Security and Trust Management in a European University* per la Tesi di Dottorato “Preserving Privacy in Data Release” (Agosto 2015)
- *Best Paper Runner-Up Award* per il lavoro “Extending Loose Associations to Multiple Fragments” (autori: S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati), presentato alla *27th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2013)*, Newark, NJ, USA, 15–17 Luglio 2013
- *IEEE Communications Society Certificate of Appreciation* per il ruolo di Publicity Chair per le conferenze internazionali *3rd IEEE Conference on Communications and Network Security (IEEE CNS 2015)* e *5th IEEE Conference on Communications and Network Security (IEEE CNS 2017)*
- *IEEE Internet-of-Things Initiative Certificate of Appreciation* per il ruolo di Coordinatore della registrazione on-site per la conferenza internazionale *2015 IEEE World Forum on Internet of Things (IEEE WF-IoT 2015)*

Borse di Studio

- *Luglio 2014*: vincitore di un assegno di ricerca biennale di tipo A (“Sicurezza e Privacy nel Cloud Computing e in Scenari Emergenti”), Dipartimento di Informatica, Università degli Studi di Milano (assegno poi rinnovato)
- *Gennaio 2014*: vincitore di un assegno di ricerca annuale di tipo B (“Protezione dei Dati in Scenari Emergenti”), Dipartimento di Informatica, Università degli Studi di Milano
- *Gennaio 2011*: vincitore di una borsa di studio triennale per il finanziamento di dottorati di ricerca, Università degli Studi di Milano

6 Attività Professionale e di Servizio

Associazioni

- *Febbraio 2016 – Gennaio 2018*: ACM Member
- *Gennaio 2014 – oggi*: IEEE Young Professionals Member
- *Gennaio 2014 – oggi*: IEEE System Council Member
- *Gennaio 2014 – oggi*: IEEE Computer Society Technical Committee on Security and Privacy Member
- *Marzo 2012 – oggi*: IEEE Member
- *Marzo 2012 – Dicembre 2015*: IEEE Communications Society Member

Attività di Servizio e Organizzative per Laboratori di Ricerca e Dipartimenti Universitari

- Partecipa alle attività e collabora alla gestione operativa del laboratorio *Security, Privacy, and Data Protection* (SPDP Lab), Dipartimento di Informatica, Università degli Studi di Milano
- *2017 – oggi*: *Membro* del Gruppo di Lavoro per la Comunicazione, Dipartimento di Informatica, Università degli Studi di Milano
- *2011 – 2012*: *Rappresentante degli Assegnisti di Ricerca e dei Dottorandi* nel Consiglio di Dipartimento del Dipartimento di Tecnologie dell’Informazione, Università degli Studi di Milano

Attività Organizzative per Comitati Scientifici

- Realizzazione e mantenimento del sito Web per IEEE Computer Society Italy Chapter
<http://sites.ieee.org/italy-cs/>
- Realizzazione e mantenimento del sito Web per il progetto di ricerca “ESCUDO-CLOUD”, finanziato dalla Commissione Europea (H2020)
<http://www.escudo-cloud.eu>
- Realizzazione e mantenimento del sito Web per le seguenti conferenze internazionali / workshop internazionali: STM 2017, DBSec 2017, DPM 2016, STM 2012

Attività Editoriale per Riviste Internazionali

Associate Editor:

- Array, Elsevier (Febbraio 2019 – oggi)

Guest Editor:

- Data and Applications Security and Privacy 2017 Special Issue, Journal of Computer Security (JCS)

Revisore per le seguenti riviste internazionali:

- ACM Computing Surveys (ACM CSUR)
- ACM Transactions on Database Systems (ACM TODS)
- ACM Transactions on the Web (ACM TWEB)
- Elsevier Computers & Security Journal (CoSe)

- IEEE Intelligent Systems
- IEEE Internet of Things Journal (IEEE IoT-J)
- IEEE Letters of the Computer Society (IEEE LOCS)
- IEEE Security and Privacy
- IEEE Systems Journal (IEEE ISJ)
- IEEE Systems Journal – Special Issue on Security and Privacy in Complex Systems (IEEE ISJ)
- IEEE Transactions on Cloud Computing (IEEE TCC)
- IEEE Transactions on Computers (IEEE TC)
- IEEE Transactions on Information Forensics & Security (IEEE TIFS)
- IEEE Transactions on Knowledge and Data Engineering (IEEE TKDE)
- IET Information Security (IET IFS)
- International Journal of Data Science and Analytics (JDASA)
- International Journal of Information Security (IJIS)
- Journal of Network and Computer Applications (JNCA)
- Journal of Computer Security (JCS)
- Journal of Information Security and Applications (JISA)
- Journal of Trust Management (JTM)
- Transactions on Data Privacy (TDP)

Organizzazione di Conferenze e Workshop Internazionali

Program Chair di:

- *13th DPM International Workshop on Data Privacy Management (DPM 2018)*, September 03–07, 2018, Barcelona, Spain (co-chair: Ruben Rios)
- *13th International Workshop on Security and Trust Management (STM 2017)*, September 14–15, 2017, Oslo, Norway (co-chair: Chris Mitchell)
- *31st Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2017)*, July 2017, USA (co-chair: Sencun Zhu)
- *11th DPM International Workshop on Data Privacy Management (DPM 2016)*, September 26–27, 2016, Heraklion, Crete, Greece (co-chair: Vicenç Torra)

Local Arrangement Chair di:

- *15th International Conference on Cryptology and Network Security (CANS 2016)*, November 14–16, 2016, Milan, Italy

Coordinatore della Registrazione On-Site di:

- *32nd Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2018)*, July 16–18, 2018, Bergamo, Italy
- *2015 IEEE World Forum on Internet of Things (IEEE WF-IoT 2015)*, December 14–16, 2015, Milan, Italy
- *3rd IEEE Conference on Communications and Network Security (IEEE CNS 2015)*, September 28–30, 2015, Florence, Italy

Publication Chair di:

- *13th DPM International Workshop on Data Privacy Management (DPM 2018)*, September 03–07, 2018, Barcelona, Spain (co-chair: Ruben Rios)
- *13th International Workshop on Security and Trust Management (STM 2017)*, September 14–15, 2017, Oslo, Norway (co-chair: Chris Mitchell)

- *31st Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2017)*, July 19–21, 2017, USA (co-chair: Sencun Zhu)
- *11th DPM International Workshop on Data Privacy Management (DPM 2016)*, September 26–27, 2016, Heraklion, Crete, Greece (co-chairs: Vicenç Torra, Alessandro Aldini, Fabio Martinelli, Neeraj Suri)
- *5th International Conference on Network and System Security (NSS 2011)*, September 6–8, 2011, Milan, Italy
- *1st International Workshop on Securing Services on the Cloud (IWSSC 2011)*, September 6–8, 2011, Milan, Italy
- *2011 Workshop on Mobile and Online Social Networks (MOSN 2011)*, September 8, 2011, Milan, Italy
- *3rd International Workshop on Cyberspace Safety and Security (CSS 2011)*, September 8, 2011, Milan, Italy

Publicity Chair di:

- *24th ACM Symposium on Access Control Models and Technologies (ACM SACMAT 2019)*, June 04 – 06, 2019, Toronto, Canada
- *17th International Conference on Cryptology and Network Security (CANS 2018)*, September 30 – October 03, 2018, Naples, Italy
- *23rd European Symposium on Research in Computer Security (ESORICS 2018)*, September 3–7, 2018, Barcelona, Spain
- *15th International Conference on Security and Cryptography (SECRYPT 2018)*, July 26–28, 2018, Porto, Portugal
- *4th IEEE Workshop on Security and Privacy in the Cloud (SPC 2018)*, May 30 – June 1, 2018, Beijing, China
- *5th IEEE Conference on Communications and Network Security (CNS 2017)*, October 9–11, 2017, Las Vegas, NV, USA
- *3rd IEEE Workshop on Security and Privacy in the Cloud (SPC 2017)*, October 11, 2017, Las Vegas, NV, USA
- *14th International Conference on Security and Cryptography (SECRYPT 2017)*, July 24–26, 2017, Madrid, Spain
- *32nd IFIP TC-11 SEC 2017 International Information Security and Privacy Conference (IFIP SEC 2017)*, May 29–31, 2017, Rome, Italy
- *2016 Workshop on Privacy in the Electronic Society (WPES 2016)*, October 24, 2016, Vienna, Austria
- *15th International Conference on Cryptology and Network Security (CANS 2016)*, November 14–16, 2016, Milan, Italy
- *23rd ACM Conference on Computer and Communications Security (ACM CCS 2016)*, October 24–28, 2016, Vienna, Austria
- *13th International Conference on Security and Cryptography (SECRYPT 2016)*, July 26–28, 2016, Lisbon, Portugal
- *30th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2016)*, July 18–21, 2016, Trento, Italy
- *8th International Symposium on Foundations & Practice of Security (FPS 2015)*, October 26–28, 2015, Clermont-Ferrand, France
- *3rd IEEE Conference on Communications and Network Security (IEEE CNS 2015)*, September 28–30, 2015, Florence, Italy
- *20th European Symposium On Research in Computer Security (ESORICS 2015)*, September 21–25, 2015, Vienna, Austria
- *11th International Workshop on Security and Trust Management (STM 2015)*, September 21–22, 2015, Vienna, Austria
- *12th International Conference on Security and Cryptography (SECRYPT 2015)*, July 20–22, 2015, Colmar, France
- *29th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2015)*, July 13–15, 2015, Fairfax, VA, USA
- *13th Workshop on Privacy in the Electronic Society (WPES 2014)*, November 3, 2014, Scottsdale, AZ, USA
- *3rd Joint Workshop on Security in Business Processes (SBP 2014)*, September 8, 2014, Haifa, Israel
- *19th European Symposium On Research in Computer Security (ESORICS 2014)*, September 7–11, 2014, Wroclaw, Poland

- *11th International Conference on Security and Cryptography (SECRYPT 2014)*, August 28–30, 2014, Vienna, Austria
- *28th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2014)*, July 14–16, 2014, Vienna, Austria
- *10th IEEE International Conference on Autonomic and Trusted Computing (ATC 2013)*, December 18-20, 2013, Vietri sul Mare, Italy
- *12th Workshop on Privacy in the Electronic Society (WPES 2013)*, November 4, 2013, Berlin, Germany
- *9th Workshop on Security & Trust management (STM 2013)*, September 9–13, 2013, Egham, UK
- *18th European Symposium On Research in Computer Security (ESORICS 2013)*, September 9–13, 2013, Egham, UK
- *10th International Conference on Security and Cryptography (SECRYPT 2013)*, July 29–31, 2013, Reykjavik, Iceland
- *17th European Symposium On Research in Computer Security (ESORICS 2012)*, September 10–14, 2012, Pisa, Italy
- *8th International Workshop on Security and Trust Management (STM 2012)*, September 13–14, 2012, Pisa, Italy
- *9th European PKI Workshop: Research and Applications (EuroPKI 2012)*, September 13–14, 2012, Pisa, Italy
- *9th International Conference on Security and Cryptography (SECRYPT 2012)*, July 24–27, 2012, Rome, Italy
- *10th International Conference on Applied Cryptography and Network Security (ACNS 2012)*, June 26–29, 2012, Singapore
- *5th International Conference on Network and System Security (NSS 2011)*, September 6–8, 2011, Milan, Italy

Membro del Comitato di Programma di:

- *11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (KDIR 2019)*, September 17–19, 2019, Vienna, Austria
- *14th International Conference on Availability, Reliability and Security (ARES 2019)*, August 26–29, 2019, Canterbury, UK
- *16th IEEE International Conference on Advanced and Trusted Computing 2019 (ATC 2019)*, August 19–23, 2019, Leicester, UK
- *8th International Conference on Smart Cities, Systems, Devices and Technologies (SMART 2019)*, July 28 –August 01, 2019, Nice, France
- *33rd Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2019)*, July 15–17, 2019, Charleston, SC, USA
- *10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (KDIR 2018)*, September 18–20, 2018, Seville, Spain
- *14th International Workshop on Security and Trust Management (STM 2018)*, September 6–7, 2018, Barcelona, Spain
- *2018 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS 2018)*, December 16–19, 2018, Indore, India
- *IEEE Workshop on Blockchain and Sharing Economy Applications (BlockSEA 2018)*, November 17, 2018, Singapore
- *11th International Conference on Information Technology and Communications Security (SECITC 2018)*, November 8–9, Bucharest, Romania
- *20th International Conference on Information and Communications Security (ICICS 2018)*, October 29–31, 2018, Lille, France
- *2nd IEEE International Workshop on Cyberspace Security (IWCSS 2018)*, October 8–12, 2018, Guangzhou, China
- *5th IEEE International Conference on Data Science and Advanced Analytics (IEEE DSAA 2018)*, October 1–4, 2018, Turin, Italy
- *14th International Conference on Information Security Practice and Experience (ISPEC 2018)*, September 25–27, 2018, Tokyo, Japan
- *10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (KDIR 2018)*, September 18–20, 2018, Seville, Spain

- *12th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2018)*, September 16–20, 2018, Venice, Italy
- *14th International Workshop on Security and Trust Management (STM 2018)*, September 6–7, 2018, Barcelona, Spain
- *13th International Conference on Availability, Reliability and Security (ARES 2018)*, August 27–30, 2018, Hamburg, Germany
- *12th International Conference on Network and System Security (NSS 2018)*, August 27–29, 2018, Hong Kong, PRC
- *14th EAI International Conference on Security and Privacy in Communication Networks (SECURECOMM 2018)*, August 8–10, 2018, Singapore, Singapore
- *15th International Conference on Security and Cryptography (SECRYPT 2018)*, July 26–28, 2018, Porto, Portugal
- *7th International Conference on Smart Cities, Systems, Devices and Technologies (SMART 2018)*, July 22–26, 2018, Barcelona, Spain
- *32nd Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2018)*, July 16–18, 2018, Bergamo, Italy
- *2018 IEEE International Conference on INnovations in Intelligent SysTems and Applications (INISTA 2018)*, July 3–5, 2018, Thessaloniki, Greece
- *4th IEEE International Conference on Data Science and Systems (IEEE DSS 2018)*, June 28–30, 2018, Exeter, UK
- *4th IEEE Workshop on Security and Privacy in the Cloud (IEEE SPC 2018)*, May 30–June 1, 2018, Beijing, China
- *12th International Conference on Digital Society and eGovernments (ICDS 2018)*, March 25–29, 2018, Rome, Italy
- *3rd IEEE International Conference on Data Science and Systems (IEEE DSS 2017)*, December 18–20, 2017, Bangkok, Thailand
- *8th International Workshop on Trust, Security and Privacy for Big Data (TrustData 2017)*, December 12–15, 2017, Guangzhou, PRC
- *2017 IEEE International Conference on Advanced Networks and Telecommunications Systems (IEEE ANTS 2017)*, December 17–20, 2017, Bhubaneswar, India
- *10th International Conference on Security, Privacy and Anonymity in Computation, Communication and Storage (SpaCCS 2017)* December 12–15, 2017, Guangzhou, PRC
- *13th International Conference on Information Security Practice and Experience (ISPEC 2017)*, November 29 – December 1, 2017, Melbourne, Australia
- *2017 IEEE Symposium on Computational Intelligence in Cyber Security (IEEE CICS 2017)*, November 27 – December 1, 2017, Honolulu, Hawaii, USA
- *2017 IEEE Symposium Series on Computational Intelligence (SSCI 2017)* November 27 – December 1, 2017, Honolulu, Hawaii, USA
- *9th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2017)*, November 1–3, 2017, Funchal, Madeira, Portugal
- *16th Workshop on Privacy in the Electronic Society (WPES 2016)*, October 30, 2017, Dallas, TX, USA
- *3rd IEEE Workshop on Security and Privacy in the Cloud (IEEE SPC 2017)*, October 11, 2017, Las Vegas, NV, USA
- *6th International Conference on Advances in Computing, Communications and Informatics (ICACCI 2017)*, September 13–16, 2017, Manipal, Karnataka, India
- *12th International Workshop on Data Privacy Management (DPM 2017)* September 14–15, 2017, Oslo, Norway
- *11th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2017)*, September 10–14, 2017, Rome, Italy
- *12th International Conference on Availability, Reliability and Security (ARES 2017)*, August 29 – September 2, 2017, Reggio Calabria, Italy
- *7th International Conference on Mathematical Methods, Models and Architectures for Computer Networks (MMM-ACNS 2017)*, August 28–30, 2017, Warsaw, Poland
- *11th International Conference on Network and System Security (NSS 2017)*, August 21–23, 2017, Helsinki, Finland

- *2017 International Conference on INnovations in Intelligent SysTems and Applications (INISTA 2017)*, July 3–5, 2017, Gdynia, Poland
- *6th International Conference on Smart Cities, Systems, Devices and Technologies (SMART 2017)*, June 25–29, 2017, Venice, Italy
- *10th International Conference on Security for Information Technology and Communications (SECITC 2017)*, June 8–9, 2017, Bucharest, Romania
- *32nd IFIP TC-11 SEC 2017 International Information Security and Privacy Conference (IFIP SEC 2017)*, May 29–31, 2017, Rome, Italy
- *13th International Conference on Networking and Services (ICNS 2017)*, May 21–25, 2017, Barcelona, Spain
- *11th International Conference on Digital Society and eGovernments (ICDS 2017)*, March 19–23, 2017, Nice, France
- *16th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2016)*, December 14–16, 2016, Granada, Spain
- *7th International Workshop on Trust, Security and Privacy for Big Data (TrustData 2016)*, November 18–20, 2016, Zhangjiajie, China
- *9th International Conference on Security, Privacy and Anonymity in Computation, Communication and Storage (SpaCCS 2016)*, November 16–18, 2016, Zhangjiajie, China
- *8th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2016)*, November 9–11, 2016, Porto, Portugal
- *9th International Symposium on Foundations & Practice of Security (FPS 2016)*, October 24–26, 2016, Québec City, Québec, Canada
- *10th International Conference on Network and System Security (NSS 2016)*, September 28–30, 2016, Taipei, Taiwan
- *10th International Conference on Information Security Theory and Practice (WISTP 2016)*, September 26–28, 2016, Heraklion, Crete
- *5th International Workshop on Quantitative Aspects of Security Assurance (QASA 2016)*, September 26–27, 2016, Heraklion, Crete, Greece
- *12th International Workshop on Security and Trust Management (STM 2016)*, September 26–27, 2016, Heraklion, Crete, Greece
- *11th International Conference on Availability, Reliability and Security (ARES 2016)*, August 31–September 01, 2016, Salzburg, Austria
- *2016 International Symposium on INnovations in Intelligent SysTems and Applications (INISTA 2016)*, August 2–5, 2016, Sinaia, Romania
- *13th International Conference on Security and Cryptography (SECRYPT 2016)*, July 26–28, 2016, Lisbon, Portugal
- *9th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2016)*, July 24–28, 2016, Nice, France
- *12th International Conference on Networking and Services (ICNS 2016)*, June 26–30, 2016, Lisbon, Portugal
- *5th International Conference on Smart Cities, Systems, Devices and Technologies (SMART 2016)*, May 22–26, 2016, Valencia, Spain
- *6th International Conference on Performance, Safety and Robustness in Complex Systems and Applications (PE-SARO 2016)*, February 21–25, 2016, Lisbon, Portugal
- *2015 International Conference on Computing and Network Communications (CoCoNet 2015)*, December 16–19, 2015, Trivandrum, India
- *8th International Symposium on Foundations & Practice of Security (FPS 2015)*, October 26–28, 2015, Clermont-Ferrand, France
- *1st Workshop on Security and Privacy in Cybermatics (SPiCy 2015)*, September 30, 2015, Florence, Italy
- *10th DPM International Workshop on Data Privacy Management (DPM 2015)*, September 21–22, 2015, Vienna, Austria
- *10th International Conference on Availability, Reliability and Security (ARES 2015)*, August 24–28, 2015, Toulouse, France

- *9th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2015)*, August 23–28, 2015, Venice, Italy
- *12th International Conference on Security and Cryptography (SECRYPT 2015)*, July 20–22, 2015, Colmar, France
- *4th International Conference on Smart Systems, Devices and Technologies (SMART 2015)*, June 21–26, 2015, Brussels, Belgium
- *11th International Conference on Networking and Services (ICNS 2015)*, May 24–29, 2015, Rome, Italy
- *5th International Conference on Computer Science and its Applications (CIIA 2015)*, May 20–21, 2015, Saida, Algeria
- *11th IEEE International Conference on Autonomic and Trusted Computing (ATC 2014)*, December 9–12, 2014, Bali, Indonesia
- *8th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2014)*, November 16–20, 2014, Lisbon, Portugal
- *8th International Conference on Network and System Security (NSS 2014)*, October 15–17, 2014, Xi'an, China
- *International Workshop on Big Data Search and Mining (IWBSM 2014)*, September 24–27, 2014, Delhi, India
- *9th International Workshop on Data Privacy Management (DPM 2014)*, September 10–11, Wroclaw, Poland
- *10th International Workshop on Security and Trust Management (STM 2014)*, September 10–11, 2014, Wroclaw, Poland
- *9th International Conference on Availability, Reliability and Security (ARES 2014)*, September 8–12, 2014, Fribourg, Switzerland
- *11th International Conference on Security and Cryptography (SECRYPT 2014)*, August 28–30, 2014, Vienna, Austria
- *3rd International Conference on Smart Systems, Devices and Technologies (SMART 2014)*, July 20–24, 2014, Paris, France
- *2014 IEEE International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2014)*, June 23–25, 2014, Alberobello, Italy
- *2014 Workshop on Advanced Intrusion Detection and Prevention (AIDP 2014)*, June 4–5, 2014, Marrakech, Morocco
- *10th International Conference on Networking and Services (ICNS 2014)*, April 20–24, 2014, Chamonix, France
- *10th IEEE International Conference on Autonomic and Trusted Computing (ATC 2013)*, December 18–20, 2013, Vietri sul Mare, Italy
- *16th IEEE International Conference on Computational Science and Engineering (CSE 2013)*, December 3–5, 2013, Sydney, Australia
- *4th IEEE International Symposium on Trust, Security and Privacy for Emerging Applications (TSP 2013)*, November 13–15, 2013, Zhangjiajie, China
- *12th Workshop on Privacy in the Electronic Society (WPES 2013)*, November 4, 2013, Berlin, Germany
- *3rd International Conference on Security, Privacy, and Applied Cryptography Engineering (SPACE 2013)*, October 19–23, 2013, Kharagpur, India
- *2nd International Symposium on Privacy and Security in Cloud and Social Networks (PriSecCSN 2013)*, September 30, 2013, Karlsruhe, Germany
- *6th SETOP International Workshop on Autonomous and Spontaneous Security (SETOP 2013)*, September 12–13, 2013, Egham, UK
- *9th International Workshop on Security and Trust Management (STM 2013)*, September 12–13, 2013, Egham, UK
- *8th DPM International Workshop on Data Privacy Management (DPM 2013)*, September 12–13, 2013, Egham, UK
- *8th International Conference on Availability, Reliability and Security (ARES 2013)*, September 2–6, 2013, Regensburg, Germany
- *10th International Conference on Mobile Web Information Systems (MobiWIS 2013)*, August 26–28, 2013, Paphos, Cyprus
- *7th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2013)*, August 25–31, 2013, Barcelona, Spain
- *2013 IEEE International Conference on Green Computing and Communications (GreenCom 2013)*, August 20–23, 2013, Beijing, China

- *10th International Conference on Security and Cryptography (SECRYPT 2013)*, July 29–31, 2013, Reykjavik, Iceland
- *1st International Workshop on Cloud Security Auditing (CSAW 2013)*, June 27–July 2, 2013, Santa Clara, CA, USA
- *2nd International Conference on Smart Systems, Devices and Technologies (SMART 2013)*, June 23–28, 2013, Rome, Italy
- *7th International Conference on Network and System Security (NSS 2013)*, June 3–4, 2013, Madrid, Spain
- *4th International Conference on Computer Science and Its Applications (CIIA 2013)*, May 4–6, 2013, Saida, Algeria
- *9th International Conference on Networking and Services (ICNS 2013)*, March 24–29, 2013, Lisbon, Portugal
- *15th IEEE International Conference on Computational Science and Engineering (CSE 2012)*, December 5–7, 2012, Paphos, Cyprus
- *1st International Workshop on Management and Security Technologies for Cloud Computing (ManSec-CC 2012)*, December 3–7, 2012, Anaheim, CA, USA
- *6th International Conference on Network and System Security (NSS 2012)*, November 21–23, 2012, Wu Yi Shan, Fujian, China
- *2012 International Symposium on Privacy and Security in Cloud and Social Networks (PriSecCSN 2012)*, November 1–3, 2012, Xiangtan, China
- *5th International Symposium on Foundations & Practice of Security (FPS 2012)*, October 25–26, 2012, Montreal, Canada
- *2012 International Conference on Security in Computer Networks and Distributed Systems (SNDS 2012)*, October 11–12, 2012, Thiruvananthapuram, India
- *1st IEEE-AESS Conference in Europe about Space and Satellite Communications (ESTEL 2012)*, October 2–5, 2012, Rome, Italy.
- *8th International Workshop on Security and Trust Management (STM 2012)*, September 13–14, Pisa, Italy
- *5th SETOP International Workshop on Autonomous and Spontaneous Security (SETOP 2012)*, September 10–12, Pisa, Italy
- *6th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2012)*, August 19–24, 2012, Rome, Italy
- *9th International Conference on Security and Cryptography (SECRYPT 2012)*, July 24–27, 2012, Rome, Italy
- *2012 Summer FTRA International Symposium on Advances in Cryptography, Security and Applications for Future Computing (ACSA-Summer)*, June 26–28, 2012, Vancouver, Canada
- *1st International Conference on Smart Systems, Devices and Technologies (SMART 2012)*, May 27–June 1, 2012, Stuttgart, Germany
- *8th International Conference on Networking and Services (ICNS 2012)*, March 25–29, 2012, St. Maarten, Netherlands Antilles
- *4th SETOP International Workshop on Autonomous and Spontaneous Security (SETOP 2011)*, September 15–16, 2011, Leuven, Belgium
- *1st International Workshop on Securing Services on the Cloud (IWSSC 2011)*, September 6–8, 2011, Milan, Italy
- *5th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2011)*, August 21–27, 2011, Nice/Saint Laurent du Var, France

Revisore per le Seguenti Conferenze Internazionali:

- *25th IEEE International Conference on Data Engineering (IEEE ICDE 2019)*, April 8–12, 2019, Macau SAR, China
- *13th ACM ASIA Conference on Computer and Communications Security (ACM ASIACCS 2018)*, June 4–8, 2018, Incheon, Korea
- *5th IEEE Conference on Communications and Network Security (IEEE CNS 2017)*, October 9–11, Las Vegas, NV, USA
- *43rd International Conference on Very Large Databases (VLDB 2017)*, 28 August–1 September, 2017, Munich, Germany
- *20th International Conference on Extending Database Technology (EDBT 2017)*, March 21–24, 2017, Venice, Italy

- *42nd International Conference on Very Large Databases (VLDB 2016)* September 5–9, 2016, New Delhi, India
- *11th ACM Asia Conference on Computer and Communications Security (ASIACCS 2016)* May 30–June 3, 2016, Xi'an, China
- *19th International Conference on Extending Database Technology (EDBT 2016)*, March 15–18, 2016, Bordeaux, France
- *29th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2015)*, July 13–15, 2015, Fairfax, VA, USA
- *4th International Conference on Principles of Security and Trust (POST 2015)*, April 16–17, 2015, London, UK
- *10th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2015)*, April 14–17, 2015, Singapore
- *18th International Conference on Extending Database Technology (EDBT 2015)*, March 23–27, 2015, Brussels, Belgium
- *8th International Conference on Computers, Privacy, and Data Protection (CPDP 2014)*, January 21–23, 2015, Brussels, Belgium
- *2014 International Conference on Information and Communications Security (ICICS 2014)*, December 16–17, 2014, Hong Kong
- *21st ACM Conference on Computer and Communications Security (CCS 2014)*, November 3–7, 2014, Scottsdale, AZ, USA
- *2nd IEEE Conference on Communications and Network Security (IEEE CNS 2014)*, October 29–31, 2014, San Francisco, CA, USA
- *10th International Conference on Security and Privacy in Communication (SECURECOMM 2014)*, September 24–26, 2014, Beijing, China
- *19th European Symposium On Research in Computer Security (ESORICS 2014)*, September 7–11, 2014, Wroclaw, Poland
- *28th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2014)*, July 14–16, 2014, Vienna, Austria
- *19th Australasian Conference on Information Security and Privacy (ACISP 2014)*, July 7–9, 2014, Wollongong, Australia
- *9th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2014)*, June 4–6, 2014, Kyoto, Japan
- *16th Information Security Conference (ISC 2103)*, November 13–15, 2013, Dallas, TX, USA
- *20th ACM Conference on Computer and Communications Security (CCS 2013)*, November 4–8, 2013, Berlin, Germany
- *18th European Symposium On Research in Computer Security (ESORICS 2013)*, September 9–13, 2013, Egham, UK
- *8th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2013)*, May 8–10, 2013, Hangzhou, China
- *20th Annual Network & Distributed System Security Symposium (NDSS 2013)*, February 24–27, 2013, San Diego, CA, USA
- *2012 Annual Computer Security Applications Conference (ACSAC 2012)*, December 3–7, 2012, Orlando, FL, USA
- *14th International Conference on Information and Communications Security (ICICS 2012)*, October 29–31, 2012, Hong Kong
- *12th Workshop on Privacy in the Electronic Society (WPES 2012)*, October 15, 2012, Raleigh, NC, USA
- *17th European Symposium On Research in Computer Security (ESORICS 2012)*, September 10–14, 2012, Pisa, Italy
- *25th IEEE Computer Security Foundations Symposium (CSF 2012)*, June 25–27, 2012, Harvard University, Cambridge, MA, USA
- *32nd International Conference on Distributed Computing Systems (ICDCS 2012)*, June 18–21, 2012, Macau, China
- *14th Information Security Conference (ISC 2011)*, October 26–29, 2011, Xi'an, China

- *10th Workshop on Privacy in the Electronic Society (WPES 2011)*, October 17, 2011, Chicago, IL, USA
- *16th European Symposium On Research in Computer Security (ESORICS 2011)*, September 12-14, 2011, Leuven, Belgium
- *7th International ICST Conference on Security and Privacy in Communication Networks (SECURECOMM 2011)*, September 7-9, 2011, London, UK
- *5th International Conference on Network and System Security (NSS 2011)*, September 6-8, 2011, Milan, Italy
- *8th International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2011)*, August 29 - September 02, 2011, Toulouse, France
- *11th Privacy Enhancing Technologies Symposium (PETS 2011)*, July 27-29, 2011, Waterloo, Canada
- *8th International Conference on Security and Cryptography (SECRYPT 2011)*, July 18-21, 2011, Seville, Spain
- *25th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2011)*, July 11-13, 2011, Richmond, VA, USA

7 Attività Didattica

- *Membro del Collegio dei Docenti presso il Dottorato di Ricerca in Informatica dell'Università degli Studi di Milano (XXXIV Ciclo)*
- *Titolare dei seguenti insegnamenti per i Corsi di Laurea della Classe Informatica presso l'Università degli Studi di Milano*
 - A.A. 2018/2019: Laboratorio di Algoritmi e Strutture Dati (48 ore)
 - A.A. 2017/2018: Laboratorio di Algoritmi e Strutture Dati (48 ore)
- *Incaricato di attività di didattica integrativa/tutoraggio/supporto agli esami per i seguenti insegnamenti per i Corsi di Laurea della Classe Informatica presso l'Università degli Studi di Milano (Art. 45 del Regolamento Generale di Ateneo, ex-Art. 47 del Regolamento Generale di Ateneo)*
 - A.A. 2016/2017: Algoritmi e Strutture Dati (35 ore)
Basi di Dati (32 ore)
 - A.A. 2015/2016: Algoritmi e Strutture Dati (35 ore)
Basi di Dati (39 ore)
 - A.A. 2014/2015: Algoritmi e Strutture Dati (35 ore)
Basi di Dati (35 ore)
 - A.A. 2013/2014: Algoritmi e Strutture Dati (35 ore)
 - A.A. 2012/2013: Algoritmi e Strutture Dati (20 ore)
Basi di Dati (32 ore)
 - A.A. 2011/2012: Algoritmi e Strutture Dati (20 ore)
 - A.A. 2010/2011: Algoritmi e Strutture Dati (20 ore)
- *Incaricato di attività di tutor didattico del seguente insegnamento per il Corso di Laurea in Sicurezza dei Sistemi e delle Reti Informatiche (edizione online), Università degli Studi di Milano (Art. 45 del Regolamento Generale di Ateneo)*
 - A.A. 2015/2016: Basi di Dati (ed. online) (16 ore)
- *Incaricato di attività di tutoraggio per il seguente insegnamento per il Corso di Laurea in Ingegneria Informatica presso l'Università degli Studi di Bergamo (Art. 16 del Regolamento di Ateneo)*
 - A.A. 2013/2014: Sicurezza dei Sistemi Informatici (6 ore)
- *Incaricato di cicli di lezioni ed esercitazioni per i seguenti insegnamenti per i Corsi di Laurea Magistrale in Sicurezza Informatica presso l'Università degli Studi di Milano*
 - A.A. 2018/2019: Privacy e Protezione Dati (4 ore)

- A.A. 2017/2018: Privacy e Protezione Dati (6 ore)
 - A.A. 2016/2017: Privacy e Protezione Dati (6 ore)
 - A.A. 2015/2016: Privacy e Protezione Dati (6 ore)
 - A.A. 2014/2015: Privacy e Protezione Dati (6 ore)
 - A.A. 2013/2014: Privacy e Protezione Dati (4 ore)
- *Correlatore* di una Tesi di Dottorato di Ricerca presso la Scuola di Dottorato di Ricerca in Informatica, Università degli Studi di Milano, e di diverse Tesi di Laurea e di Laurea Magistrale presso il Dipartimento di Informatica, Università degli Studi di Milano.

8 Attività di Ricerca

L'attività di ricerca si è focalizzata principalmente sulla definizione di modelli, algoritmi e tecniche innovative per la protezione della sicurezza e della privacy di dati e utenti in scenari emergenti, quali il cloud computing, il paradigma di data outsourcing, e il rilascio pubblico o selettivo di informazioni. I risultati sono apparsi in una monografia e in diverse pubblicazioni scientifiche su riviste, in atti di conferenze e workshop internazionali, e in capitoli di libri.

9 Pubblicazioni¹

Monografie

MI-1 G. Livraga, “Protecting Privacy in Data Release”, Springer, 2015.

Curatele di Volumi

- CV-1 J. Garcia-Alfaro, J. Herrera-Joancomartí, G. Livraga, R. Rios (eds.), *Data Privacy Management, Cryptocurrencies and Blockchain Technology* (Proc. of DPM and CBT 2018), Springer, Barcellona, Spagna, 6–7 Settembre 2018
- CV-2 G. Livraga, C. Mitchell (eds.), *Security and Trust Management XIII* (Proc. of STM 2017), Springer, Oslo, Norvegia, 14–15 Settembre 2017
- CV-3 G. Livraga, S. Zhu (eds.), *Data and Applications Security and Privacy XXXI* (Proc. of DBSec 2017), Springer, Philadelphia, PA, USA, 19–21 Luglio 2017
- CV-4 G. Livraga, V. Torra, A. Aldini, F. Martinelli and N. Suri (eds.), *Data Privacy Management and Security Assurance (Proc. of DPM 2016 and QASA 2016)*, Springer, Heraklion, Creta, Grecia, 26–27 Settembre 2016
- CV-5 P. Samarati, S. Foresti, J. Hu, G. Livraga (eds.), *Proc. of the 5th International Conference on Network and System Security* (NSS 2011), IEEE, Milano, Italia, 6–8 Settembre 2011.
- CV-6 C. C. Zou, Y. Xiang, G. Livraga (eds.), *Proc. of the 3rd International Workshop on Cyberspace Safety and Security* (CSS 2011), IEEE, Milano, Italia, 8 Settembre 2011.
- CV-7 J. Zhang, G. Livraga (eds.), *Proc. of the 2011 International Conference on Data and Knowledge Engineering* (ICDKE 2011), IEEE, Milano, Italia, 6 Settembre 2011.
- CV-8 M. Li, G. Livraga (eds.), *Proc. of the 2011 Workshop on Mobile and Online Social Networks* (MOSN 2011), IEEE, Milano, Italia, 8 Settembre 2011.

Articoli in Riviste Internazionali

- RI-1 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* (IEEE ISJ), 2019 (accettato per pubblicazione)
- RI-2 A. Arman, S. Foresti, G. Livraga, P. Samarati, “Cloud Plan Selection Under Requirements of Multiple Applications,” in *Security and Privacy, Security and Privacy*, vol. 1:e35, 2018

¹Un elenco aggiornato delle pubblicazioni è disponibile all'indirizzo <https://homes.di.unimi.it/livraga/publications.php>

- RI-3 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* (IEEE TSC), November, 2017 (pre-print)
- RI-4 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, pp. 256–268, 2017
- RI-5 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, pp. 59–88, 2015.
- RI-6 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* (IEEE TDSC), vol. 11, no. 6, pp. 510–523, Novembre 2014.
- RI-7 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, S. Paraboschi, P. Samarati, “Enforcing Dynamic Write Privileges in Data Outsourcing”, in *Computer & Security (COSE)*, vol. 39, part A, pp.47–63, Novembre 2013.
- RI-8 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, pp. 793–817, Dicembre 2012.
- RI-9 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, pp. 393–436, 2012.
- RI-10 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, pp. 463–508, 2012.
- RI-11 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, “Anonymization of Statistical Data”, in *IT - Information Technology*, vol. 53, no. 1, pp. 18–25, 2011.

Articoli in Atti di Conferenze/Workshop Internazionali

- CI-1 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), Milano, Italia, 8–13 Luglio 2019
- CI-2 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 IEEE International Conference on Pervasive Computing and Communications* (PerCom 2019), Kyoto, Giappone, 11–15 Marzo 2019
- CI-3 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, “Data Security and Privacy in the Cloud,” in *Proc. of SPIE 10993, Mobile Multimedia/Image Processing, Security, and Applications 2019*, 109930D, Baltimore, MD, USA, 13 Maggio 2019
- CI-4 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, Italia, 7–9 Settembre 2016
- CI-5 S. De Capitani di Vimercati, G. Livraga, V. Piuri, “Application Requirements with Preferences in Cloud-based Information Processing”, in *Proc. of the 2nd International Forum on Research and Technologies for Society and Industry* (RTSI 2016), Bologna, Italia, 7–9 Settembre 2016
- CI-6 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), Roma, Italia, 23–25 Aprile 2016
- CI-7 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* (IEEE CNS 2014), San Francisco, CA, USA, 29–31 Ottobre 2014.

- CI-8 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 Conference on Data and Applications Security and Privacy* (DBSec 2013), Newark, NJ, USA, 15–17 Luglio 2013 (best paper runner-up award).
- CI-9 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* (IEEE CSE 2012), Paphos, Cipro, 5–7 Dicembre 2012.
- CI-10 S. De Capitani di Vimercati, G. Livraga, V. Piuri, F. Scotti, “Privacy and Security in Environmental Monitoring Systems”, in *Proc. of the 1st IEEE-AESS Conference in Europe about Space and Satellite Communications* (ESTEL 2012), Roma, Italia, 2–5 Ottobre 2012.
- CI-11 S. De Capitani di Vimercati, S. Foresti, S. Jajodia, G. Livraga, “Enforcing Subscription-Based Authorization Policies in Cloud Scenarios”, in *Proc. of the 26th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy* (DBSec 2012), Parigi, Francia, 11–13 Luglio 2012.
- CI-12 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, 11–13 Luglio 2011.
- CI-13 S. De Capitani di Vimercati, S. Foresti, G. Livraga, “Privacy in Data Publishing”, in *Proc. of the 3rd International Workshop on Autonomous Spontaneous Security* (SETOP 2010), Atene, Grecia, 23 Settembre 2010 (articolo invitato)
- CI-14 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 International Workshop on Security and Trust Management* (STM 2010), Atene, Grecia, 24 Ottobre 2010.

Capitoli in Libri

- CL-1 G. Livraga, “Privacy in Microdata Release: Challenges, Techniques, and Approaches,” in *Data-Driven Policy Impact Evaluation: How Microdata is Transforming Policy Design*, N. Crato, P. Paruolo (eds.), Springer, 2019
- CL-2 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 (to appear)
- CL-3 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
- CL-4 S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati, “Supporting Users in Data Outsourcing and Protection in the Cloud,” in *International Conference on Cloud Computing and Services Science*, M. Helfert, D. Ferguson, V.M. Munoz, J. Cardoso (eds.), Springer, 2017
- CL-5 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
- CL-6 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
- CL-7 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, 2014.
- CL-8 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.
- CL-9 S. De Capitani di Vimercati, A. Genovese, G. Livraga, V. Piuri, F. Scotti, “Privacy and Security in Environmental Monitoring Systems: Issues and Solutions”, in *Computer and Information Security Handbook*, 2nd Edition, J. Vacca (ed.), Morgan Kaufmann, 2013.

- CL-10 M. Bezzi, S. De Capitani di Vimercati, S. Foresti, G. Livraga, P. Samarati “Data Privacy”, in *Privacy and Identity Management for Life*, J. Camenisch, S. Fischer-Hübner, and K. Rannenberg (eds.), Springer, 2011.
- CL-11 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.

Voci in Enciclopedia con Editore Internazionale

- EL-1 S. De Capitani di Vimercati, G. Livraga, “Grant Option”, in *Encyclopedia on Cryptography and Security*, H.C.A. van Tilborg and S. Jajodia (eds.), Springer, 2011.
- EL-2 S. De Capitani di Vimercati, G. Livraga, “Privileges in SQL”, in *Encyclopedia on Cryptography and Security*, H.C.A. van Tilborg and S. Jajodia (eds.), Springer, 2011.
- EL-3 S. De Capitani di Vimercati, G. Livraga, “SQL Access Control Model”, in *Encyclopedia on Cryptography and Security*, H.C.A. van Tilborg and S. Jajodia (eds.), Springer, 2011.
- EL-4 G. Livraga, P. Samarati “Multilevel Database”, in *Encyclopedia on Cryptography and Security*, H.C.A. van Tilborg and S. Jajodia (eds.), Springer, 2011.

Deliverable/Working Document per Progetti Internazionali

- DE-1 S. Paraboschi, S. Foresti, G. Livraga (eds.), “Report on Data Protection Techniques”, *deliverable* per il progetto ESCUDO-CLOUD finanziato da EC nel programma H2020, Dicembre 2015
- DE-2 S. Foresti, G. Livraga (eds.), “Report on Techniques for Selective Access”, *deliverable* per il progetto ESCUDO-CLOUD finanziato da EC nel programma H2020, Dicembre 2015
- DE-3 S. Foresti, G. Livraga (eds.), “Report on Basic Protection Techniques”, *working document* per il progetto ESCUDO-CLOUD finanziato da EC nel programma H2020, Giugno 2015

Tesi di Dottorato

- TD-1 G. Livraga, “Preserving Privacy in Data Release”, Tesi di Dottorato di Ricerca in Informatica, Università degli Studi di Milano, Italia, Marzo 2014.

Tesi di Laurea

- TL-1 G. Livraga, “Protecting Privacy of Sensitive Value Distributions in Data Release”, Tesi Magistrale in Scienze e Tecnologie dell’Informazione, Università degli Studi di Milano, Italia, Aprile 2010.
- TL-2 G. Livraga, “Teikos: Sistema Centralizzato e Automatizzato per la Sicurezza di una Rete. Acquisizione di Informazioni e Trigger di Eventi”, Tesi di Laurea in Sicurezza dei Sistemi e delle Reti Informatiche, Università degli Studi di Milano, Italia, Dicembre 2006.

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