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Curriculum Vitae  
CLAUDIO AGOSTINO ARDAGNA

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# 1 Breve biografia

## 1.1 Posizione attuale

Professore Associato  
Dipartimento di Informatica (DI)  
Università degli Studi di Milano

## 1.2 Breve storia scolastica e scientifica

Da *Marzo 2015* è professore associato presso il Dipartimento di Informatica (DI), Università degli Studi di Milano.

Da *Gennaio 2018* è co-fondatore di Moon Cloud, spin-off dell'Università degli Studi di Milano.

Da *Dicembre 2008* a *Febbraio 2015* è stato ricercatore presso il Dipartimento di Informatica (DI)(\*), Università degli Studi di Milano.

(\*) Dipartimento di Tecnologie dell'Informazione (DTI) fino al 26 Aprile 2012.

Da *Ottobre 2004* a *Ottobre 2008* è stato assegnista di ricerca presso il Dipartimento di Tecnologie dell'Informazione (DTI), Università degli Studi di Milano.

Nel *Febbraio 2008* ha conseguito il Dottorato di Ricerca in Informatica (XX Ciclo) presso l'Università degli Studi di Milano.

Tesi discussa: "Privacy and Security in Distributed and Pervasive Systems". Relatore: Prof. Pierangela Samarati.

Da *Novembre 2004* a *Ottobre 2007* ha frequentato il Dottorato di Ricerca in Informatica (XX Ciclo) presso l'Università degli Studi di Milano.

Nel *2004* ha lavorato come collaboratore alla ricerca presso il Dipartimento di Tecnologie dell'Informazione (DTI), Università degli Studi di Milano.

Nell'*Ottobre 2003* si è Laureato in Informatica presso l'Università degli Studi di Milano con la votazione di 110/110 e Lode.

Tesi discussa: "Un Sistema per il Controllo dell'Accesso a Web Service: Modello, Linguaggio e Architettura". Relatore: Prof. Pierangela Samarati.

## 1.3 Soggiorni presso centri di ricerca esteri e partecipazione a scuole internazionali

*Settembre 2016, Gennaio–Febbraio 2017*: ha visitato la Khalifa University (research fellow), Abu Dhabi, UAE. L'attività di ricerca, svolta in collaborazione con il Dr. Rasool Asal presso l'Etisalat BT Innovation Centre (EBTIC), è stata rivolta alla definizione di una soluzione di cloud adaptation basata su certificazione.

*Gennaio-Febbraio 2014*: ha visitato la Khalifa University (research fellow), Abu Dhabi, UAE. L'attività di ricerca, svolta in collaborazione con il Dr. Rasool Asal presso l'Etisalat BT Innovation Centre (EBTIC), è stata rivolta allo studio di problematiche di sicurezza in ambiente cloud e alla definizione di una metodologia per la risoluzione di tali problematiche.

*Agosto 2010*: ha visitato la George Mason University, Virginia, USA. L'attività di ricerca, svolta in collaborazione con il Prof. Sushil Jajodia direttore del Center for Secure Information Systems, è stata rivolta alla definizione, sviluppo e implementazione di soluzioni innovative per garantire sicurezza e privacy in sistemi mobili e distribuiti.

*Agosto 2009*: ha visitato la George Mason University, Virginia, USA. L'attività di ricerca, svolta in collaborazione con il Prof. Sushil Jajodia direttore del Center for Secure Information Systems, è stata rivolta allo studio delle problematiche e allo sviluppo di tecniche innovative per garantire sicurezza e privacy in sistemi mobili e distribuiti.

*Giugno – Agosto 2008*: ha visitato la George Mason University, Virginia, USA. L'attività di ricerca, svolta in collaborazione con il Prof. Sushil Jajodia direttore del Center for Secure Information Systems, è stata rivolta

allo studio delle problematiche e allo sviluppo di tecniche innovative per garantire sicurezza e privacy in sistemi aperti e distribuiti.

*Settembre 2006:* partecipazione a International School on Foundations Of Security Analysis and Design (FOSAD 2006), Bertinoro (FC), Italia.

*Settembre 2004:* partecipazione a International School on Foundations Of Security Analysis and Design (FOSAD 2004), Bertinoro (FC), Italia.

## 2 Trasferimento tecnologico

Fondatore di Moon Cloud, spin-off dell'Università degli Studi di Milano for la valutazione e il monitoraggio della sicurezza dei sistemi IT. Moon Cloud ha vinto il secondo premio al concorso StartCup Lombardia 2017 (10.000 euro) e si è classificata tra i primi quattro al Premio Nazionale per l'Innovazione (PNI).

Durante la sua research fellowship (gennaio-febbraio 2017) presso l'Etisalat British Telecommunications Innovation Center (EBTIC), Khalifa University, ha partecipato all'organizzazione e all'insegnamento del Big Data Innovation Course "Big Data Professional". Il corso stato distribuito alla Telecommunications Regulatory Authority (TRA) degli Emirati Arabi Uniti (UAE).

Un'altra edizione del corso è stata tenuta presso l'Omnia Group (Milano, Italia), sotto il patrocinio del Consorzio Interuniversitario Nazionale per l'Informatica (CINI), Marzo 2017.

## 3 Riconoscimenti e titoli

Classificato tra i primi 4 al Premio Nazionale per l'Innovazione (PNI) con la spin-off Moon Cloud.

Vincitore del secondo premio al concorso Start Cup Lombardia 2017 per la spin-off Moon Cloud (10.000 euro).

Vincitore dell'International Federation for Information Processing (IFIP) Silver Core Award "in recognition of outstanding services to IFIP" [2013].

Vincitore del premio ERCIM (European Research Consortium for Informatics and Mathematics) WG STM 2009 Award for the Best Ph.D. Thesis on Security and Trust Management. Tesi: "Privacy and Security in Distributed and Pervasive Systems".

Co-inventore del brevetto "Method, System, Network and Computer Program Product for Positioning in a Mobile Communications Network" (con M. Anisetti, V. Bellandi, E. Damiani, S. Reale), Brevetto Europeo Numero EP1765031, pubblicato in data 21 Marzo 2007.

## 4 Attività didattiche

### 4.1 Cicli di lezioni e partecipazione a commissioni di esame

Ha tenuto i seguenti insegnamenti dei corsi di laurea della Classe Informatica (CCD Informatica), presso l'Università degli Studi di Milano:

- A.A. 2017-2018: *Reti di Calcolatori* [Modulo 2, 4.5 cfu, 36 ore]
- A.A. 2017-2018: *Reti di Calcolatori – Lab.* [3 cfu, 48 ore]
- A.A. 2017-2018: *Applicazioni Web e Cloud* [Modulo 2, 6 cfu, 48 ore]
- A.A. 2016-2017: *Reti di Calcolatori* [Modulo 2, 4.5 cfu, 36 ore]
- A.A. 2016-2017: *Reti di Calcolatori – Lab.* [3 cfu, 48 ore]
- A.A. 2016-2017: *Applicazioni Web e Cloud* [Modulo 2, 6 cfu, 48 ore]
- A.A. 2015-2016: *Reti di Calcolatori* [Modulo 2, 4.5 cfu, 36 ore]
- A.A. 2015-2016: *Reti di Calcolatori – Laboratorio* [Modulo 2, 6 cfu, 48 ore]

- A.A. 2015-2016: *Applicazioni Web e Cloud* [Modulo 2, 6 cfu, 48 ore]
- A.A. 2014-2015: *Reti di Calcolatori* (Professore Aggregato ai sensi art. 6 della L.240/2010) [Modulo 2, 6 cfu, 48 ore]
- A.A. 2013-2014: *Reti di Calcolatori* (Professore Aggregato ai sensi art. 6 della L.240/2010) [Modulo 2, 6 cfu, 48 ore]
- A.A. 2012-2013: *Reti di Calcolatori* (Professore Aggregato ai sensi art. 6 della L.240/2010) [Modulo 2, 6 cfu, 48 ore]
- A.A. 2011-2012: *Reti di Calcolatori* (Affidamento a titolo gratuito) [Modulo 2, 6 cfu, 48 ore]
- A.A. 2010-2011: *Reti di Calcolatori* (Professore Aggregato ai sensi art.1 comma 11 L.230/2005) [Modulo 2, 6 cfu, 48 ore]
- A.A. 2009-2010: *Sistemi di Elaborazione dell'Informazione* (Professore Aggregato ai sensi art.1 comma 11 L.230/2005) [Modulo 2, 6 cfu, 48 ore]
- A.A. 2008-2009: *Laboratorio di Basi Dati* (Professore Aggregato ai sensi art.1 comma 11 L.230/2005) [3 cfu, 24 ore]

Ha tenuto cicli di lezioni e ha partecipato alle commissioni di esame dei seguenti insegnamenti dei corsi di laurea della Classe Informatica (CCD Informatica) presso l'Università degli Studi di Milano:

- A.A. 2013-2014: *Privatezza e Protezione dei Dati* (10 ore)
- A.A. 2012-2013: *Privatezza e Protezione dei Dati* (10 ore)
- A.A. 2011-2012: *Privatezza e Protezione dei Dati* (10 ore)
- A.A. 2010-2011: *Privatezza e Protezione dei Dati* (10 ore)
- A.A. 2009-2010: *Privatezza e Protezione dei Dati* (10 ore)
- A.A. 2008-2009: *Tecniche Avanzate per la Protezione dei Dati* (8 ore)
- A.A. 2007-2008: *Tecniche Avanzate per la Protezione dei Dati* (8 ore)
- A.A. 2007-2008: *Elementi di Sicurezza e Privatezza* (6 ore)
- A.A. 2006-2007: *Elementi di Sicurezza e Privatezza* (4 ore)
- A.A. 2005-2006: *Elementi di Sicurezza e Privatezza* (4 ore)
- A.A. 2004-2005: *Protocolli Avanzati di Rete* (4 ore)

Ha partecipato alle commissioni di esame dell'insegnamento di *Algoritmi e Strutture Dati* (A.A. 2008-2009) dei corsi di laurea della Classe Informatica (CCD Informatica – Crema) presso l'Università degli Studi di Milano.

## 4.2 Scuola di dottorato

Ha tenuto cicli di lezioni per i seguenti corsi nell'ambito della Scuola di dottorato dell'Università degli Studi di Milano:

- *Ottobre 2017*: Introduction to Big Data Methods and Tools (con E. Damiani, G. Gianini)
- *Settembre 2017*: Trustworthy cloud (con M. Anisetti)
- *Maggio 2017*: IoT Security and Assurance (con R. Asal, E. Damiani)
- *Settembre 2016*: Security and Assurance: From Software-Based to the Cloud Systems (con M. Anisetti, E. Damiani)
- *Dicembre 2014*: Security Certification: From Software-Based to the Cloud Systems (con M. Anisetti, E. Damiani)
- *Febbraio 2013*: Security Certification of Services and Processes (con M. Anisetti, E. Damiani, G. Spanoudakis)
- *Gennaio 2012*: Privacy Preserving Techniques for GeoLocation Services (con C. Bettini)
- *Aprile 2011*: Security Patterns in ICT Infrastructure (con E. Damiani)
- *Maggio 2010*: Fundamentals of Security (con P. Samarati, S. De Capitani Di Vimercati, D. Bruschi)

CORSO DI PERFEZIONAMENTO ZICCARDI

MASTER DI SECONDO LIVELLO CYBERSECURITY

### 4.3 Altri corsi e attività didattiche

*March 2018*: He has organized and taught some lessons in the course *Microservices* at Corte dei Conti (with M. Anisetti, F. Gaudenzi)

*Marzo 2017*: Ha organizzato e tenuto un ciclo di lezioni dal titolo *Cloud Computing* presso la Corte dei Conti (con M. Anisetti, G. Ziccardi)

*Febbraio 2016*: Ha organizzato e tenuto un ciclo di lezioni dal titolo *Tecnologie di virtualizzazione* presso l'Università degli Studi di Milano (con E. Damiani, F. Frati, D. Rebecani)

*Dicembre 2015*: Ha tenuto l'insegnamento di *Sicurezza Informatica* nel corso di "Tecnico superiore per il risparmio energetico nell'edilizia sostenibile", Istruzione Tecnica Superiore (ITS), Crema (con M. Anisetti)

*Dicembre 2015*: Ha tenuto l'insegnamento di *Cloud Computing: Tecnologie per la Collaborazione* nel corso di "Tecnico superiore per il risparmio energetico nell'edilizia sostenibile", Istruzione Tecnica Superiore (ITS), Crema (con M. Anisetti)

*Ottobre–Novembre 2014*: Ha tenuto l'insegnamento di *Sicurezza Informatica* nel corso di "Tecnico superiore per il risparmio energetico nell'edilizia sostenibile", Istruzione Tecnica Superiore (ITS), Crema (con M. Anisetti)

*Ottobre–Novembre 2014*: Ha tenuto l'insegnamento di *Cloud Computing: Tecnologie per la Collaborazione* nel corso di "Tecnico superiore per il risparmio energetico nell'edilizia sostenibile", Istruzione Tecnica Superiore (ITS), Crema (con M. Anisetti)

*Marzo 2014*: Ha tenuto l'insegnamento di *Comunicazione Integrata in Rete* nel corso di "Tecnico superiore per la comunicazione e il multimedia per la valorizzazione di beni ed eventi culturali", Istruzione e Formazione Tecnica Superiore (IFTTS), Crema (con L. Ludovico)

*Maggio 2013*: Ha organizzato e tenuto un ciclo di lezioni dal titolo *Tecnologie di virtualizzazione – Avanzato* presso l'Università degli Studi di Milano (con E. Damiani, F. Frati, D. Rebecani)

*Aprile 2013*: Ha organizzato e tenuto un ciclo di lezioni dal titolo *Tecnologie di virtualizzazione* presso l'Università degli Studi di Milano (con E. Damiani, F. Frati, D. Rebecani)

*Marzo 2012*: Ha tenuto il corso di *Tecniche Avanzate per la Sicurezza delle Reti* presso l'azienda Adecco S.p.A.

*Ottobre 2011*: Ha organizzato e tenuto un ciclo di lezioni dal titolo *Tecnologie di virtualizzazione* presso l'Università degli Studi di Milano (con E. Damiani, F. Frati, D. Rebecani)

*Aprile 2011*: Ha tenuto il corso di *Fondamenti di Sicurezza delle Reti* presso l'azienda Adecco S.p.A.

*Marzo 2011*: Ha tenuto un ciclo di lezioni dal titolo *Sicurezza del software* nell'ambito del corso di *Tecniche avanzate di ingegneria del software* presso l'azienda Agusta Westland (con E. Damiani, F. Frati, G. Gianini)

*Marzo 2010*: Ha tenuto il corso di *Fondamenti di Sicurezza delle Reti* presso l'Università degli Studi di Milano

*Gennaio–Aprile 2004*: Ha tenuto l'insegnamento di *Produzione di pagine e siti web statici* nel corso di "Tecnico superiore per le applicazioni informatiche", Istruzione e Formazione Tecnica Superiore (IFTTS), Crema

Ha svolto attività di tutor didattico dei seguenti insegnamenti nell'ambito del corso di laurea in Sicurezza dei Sistemi e delle Reti Informatiche (edizione online), presso l'Università degli Studi di Milano [Art. 47, Regolamento Generale d'Ateneo]:

- A.A. 2007-2008: *Elementi di Sicurezza e Privacy*
- A.A. 2006-2007: *Elementi di Sicurezza e Privacy*
- A.A. 2005-2006: *Elementi di Sicurezza e Privacy*

## 4.4 Relatore/Correlatore di tesi

Ha seguito, in qualità di co-supervisore, le seguenti tesi di dottorato:

- Nabil El Ioini (Free University of Bozen), tesi dal titolo “Continuous and Trustworthy Certification-Based Cloud Services Adaptation”
- Kouessi A.R. Sagbo (Università degli Studi di Milano), tesi dal titolo “Early Assessment of Service Performance Using Simulation”

Segue, in qualità di supervisore, le seguenti tesi di dottorato:

- Filippo Gaudenzi (Università degli Studi di Milano)

Ha seguito/segue, in qualità di relatore o correlatore, più di 60 tesi (triennali e magistrali) nell’ambito di diverse tematiche inerenti alle architetture SOA e ai web service, alla cloud, alla sicurezza, alla protezione dei dati e alla telefonia mobile.

Ha seguito/segue, in qualità di co-supervisore, 8 laureandi/dottorandi (visiting scholar) presso l’Università degli Studi di Milano nell’ambito di diverse tematiche inerenti alle architetture SOA e ai web service, alla cloud, alla sicurezza.

## 5 Attività professionale e di servizio

### 5.1 Attività di valutazione

Valutatore per:

- Progetti di ricerca per il programma “Interventi di sostegno alla ricerca”, Regione Sardegna, Italia [2018]
- Progetti di ricerca per il programma “Computer Science Discovery Grant application”, Natural Sciences and Engineering Research Council of Canada (NSERC), Canada [2015, 2016]
- Progetti di ricerca per il programma “SIR (Scientific Independence of young Researchers) 2014”, Ministero dell’Istruzione, dell’Università e della Ricerca, Italia [2014]
- Progetti di ricerca del “National Center of Science and Technology Evaluation”, Ministry of Education and Science, Republic of Kazakhstan [2014]
- Proposte Assegni di ricerca JUNIOR per l’Università degli Studi dell’Insubria [2013]
- Progetti di ricerca del “Cyber Security Research programme”, The Dutch National Science Foundation (NWO) [2013]
- Progetti di ricerca del “Partnership Programme - Joint Applied Research Projects - PCCA 2011”, Romanian National Council for Development and Innovation [2012]

### 5.2 Membro di comitati tecnici e scientifici

Dal 2016 è direttore dell’unità di ricerca del CINI (Consorzio Interuniversitario Nazionale per l’Informatica) per l’Università degli Studi di Milano.

Dal 2008 al 2013 è stato segretario (secretary) dell’IFIP (International Federation for Information Processing) Working Group 11.3 on “Data and Application Security and Privacy”.

Membro dello Steering Committee delle seguenti conferenze:

- *6th Workshop in Information Security Theory and Practice (WISTP 2012) - Security, Privacy, and Trust in Computing Systems and Ambient Intelligent Ecosystem*, Egham, UK, June 2012

### 5.3 Partecipazione al comitato editoriale di riviste internazionali

Co-editore (guest editor) delle seguenti special issue su riviste internazionali:

- Special Issue on “Security and Privacy in Edge Computing-Assisted Internet of Things (IoT)” (con M. Conti, C.-M. Yu), *Pervasive and Mobile Computing* (accepted proposal to be run in 2018)
- Special Issue on “Security and Dependability Assurance of Software Architectures” (con E. Damiani, S. Guergens, A. Mana, G. Spanoudakis), *Journal of Systems Architecture*, 57(3), March 2011
- Special Issue on “Open Source Certification” (con E. Damiani, L. Barbosa, P.T. Breuer), *International Journal of Computer Systems Science and Engineering (IJCSSE)*, 25(4), July 2010

Membro del comitato editoriale (editorial board) delle seguenti riviste internazionali:

- *International Journal of Mobile Computing and Multimedia Communications (IJMCMC)*, ISSN 1937-9412 [March 2016–present]s
- *Mobile Information Systems*, ISSN 1574-017X [December 2014–present]
- *International Journal of Big Data (IJBD)*, ISSN 2326-442X [Luglio 2013–oggi]

### 5.4 Organizzazione di conferenze internazionali

Program Chair delle seguenti conferenze/workshop internazionali:

- *International Symposium on Secure Virtual Infrastructures Cloud and Trusted Computing 2018 (C&TC 2018)*, Valletta, Malta, October 2018 (co-chair with A. Belmonte, M. Conti)
- *International Symposium on Secure Virtual Infrastructures Cloud and Trusted Computing 2017 (C&TC 2017)*, Rhodes, Greece, October 2017 (co-chair with A. Belmonte, K. Markantonakis)
- Track “Parallel, Distributed and Cloud Computing” of the 16th International Conference on Information Technology (ICIT 2017), Bhubaneswar, India, December 2017 (co-chair with R. Asal and C. Ghedira)
- *International Symposium on Secure Virtual Infrastructures Cloud and Trusted Computing 2017 (C&TC 2017)*, Rhodes, Greece, October 2017 (co-chair with A. Belmonte, K. Markantonakis)
- *Application Track of IEEE International Conference on Services Computing (SCC 2017)*, Honolulu, HI, Hawaii, June–July 2017 (co-chair with Shiyong Lu, Natalia Kryvinska)
- *International Symposium on Secure Virtual Infrastructures Cloud and Trusted Computing 2016 (C&TC 2016)*, Rhodes, Greece, October 2016 (co-chair with N. Gruschka)
- *3rd International Workshop on Security Assurance in the Cloud (IWSAC 2015)*, Bangkok, Thailand, November 2015 (co-chair with E. Damiani, M. Felici)
- *International Symposium on Secure Virtual Infrastructures Cloud and Trusted Computing 2015 (C&TC 2015)*, Rhodes, Greece, October 2015 (co-chair with M. Jensen)
- *IEEE 2015 5th International Workshop on Security and Privacy Engineering (SPE 2015)*, New York, NY, USA, June–July 2014 (co-chair with M. Jensen)
- *2nd International Workshop on Security Assurance in the Cloud (IWSAC 2014)*, Marrakech, Morocco, November 2014 (co-chair with R. Asal, M. Anisetti)
- *IEEE 2014 4th International Workshop on Security and Privacy Engineering (SPE 2014)*, Anchorage, AL, USA, June–July 2014 (co-chair with Z. Chen, E. Damiani, M. Jensen)
- *1st International Workshop on Securing Services on the Cloud (IWSSC 2011)*, Milan, Italy, September 2011 (co-chair with E. Damiani)
- *5th Workshop in Information Security Theory and Practice (WISTP 2011) - Security and Privacy of Mobile Devices in Wireless Communications*, Crete, Greece, June 2011 (co-chair with J. Zhou)
- Track “Security and Trust Computing” of the 5th International Conference on Future Information Technology (FutureTech 2010), Busan, Korea, May 2010 (co-chair with J. Kim and A.U. Schmidt)

Chair delle seguenti conferenze/workshop internazionali:

- Workshop on “Standardization Roadmap for Service Security in the Cloud” at the Cyber Security & Privacy (CSP) EU Forum 2013, Brussels, Belgium, April 2013 (co-chair con M. Bezzi, E. Damiani)
- Workshop on “Web Service Security Contracts” at the Cyber Security & Privacy (CSP) EU Forum 2012, Berlin, Germany, April 2012 (co-chair con M. Bezzi, E. Damiani, M. Ponce de Leon)



Ph.D. Symposium Chair di:

- IEEE SERVICES 2016, San Francisco, CA, USA, June-July 2016
- IEEE SERVICES 2015, New York, NY, USA, June-July 2015

Membro del Comitato di Programma delle seguenti conferenze:

- *10th IEEE International Conference on Cloud Computing Technology and Science (CloudCom 2018)*, Nicosia, Cyprus, December 2018
- *2018 IEEE Global Communications Conference: Communication & Information System Security (Globecom 2018) CISS*, Abu Dhabi, UAE, December 2018
- *6th International Symposium on Security in Computing and Communications (SSCC 2018)*, Bangalore, India, September 2018
- *15th IEEE International Conference on Services Computing (SCC 2018)*, San Francisco, CA, USA, July 2018
- *IEEE 2018 International Conference on Cognitive Computing (ICCC 2018)*, San Francisco, CA, USA, July 2018
- *Future Internet Services and Applications Track (FISA 2018) @ IEEE WETICE 2018*, Paris, France, June 2018
- *Security Analysis of Information Systems (SAIS) Track of the 4th International Conference on Mobile, Secure and Programmable Networking (MSPN 2018)*, Paris, France, June 2018
- *IEEE Smart Industries Workshop (SIW 2018)*, Taormina, Italy, June 2018
- *2nd International Workshop on Big Data and IoT Security in Smart Computing (BITS 2018)*, Taormina, Italy, June 2018.
- *13th Dependable and Adaptive Distributed Systems (DADS 2018), Track of the 33rd ACM Symposium on Applied Computing*, Pau, France, April 2018
- *Industrial Track of the IEEE International Conference on Cloud Engineering (IC2E 2018)*, Orlando, FL, USA, April 2018
- *8th International Conference on Cloud Computing and Services Science (CLOSER 2018)*, Madeira, Portugal, March 2018
- *13th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2018)*, Porto, Portugal, March 2018
- *10th IFIP International Conference on New Technologies, Mobility and Security - Security Track (NTMS 2017 - Security Track)*, Paris, France, February 2018
- *8th IFIP International Conference on Data Ecosystems and Bigdata Science and Technologies (DEBST 2018)*, Canberra, Australia, February 2018
- *15th IEEE Annual Consumer Communications & Networking Conference (CCNC 2018)*, Las Vegas, USA, January 2018
- *3rd International Workshop on Big Data for Sustainable Development*, Boston, MA, USA, December 2017
- *9th International Conference on Computer Science and its Applications (CSA 2017)*, Taichung, Taiwan, December 2017
- *13th International Conference on Information Systems Security (ICISS 2017)*, Mumbai, India, December 2017
- *9th IEEE International Conference on Cloud Computing Technology and Science (CloudCom 2017)*, Hong Kong, December 2017
- *2017 IEEE Global Communications Conference: Communication & Information System Security (Globecom 2017) CISS*, Singapore, December 2017
- *11th WISTP International Conference on Information Security Theory and Practice (WISTP 2017)*, Crete, Greece, September 2017
- *5th International Symposium on Security in Computing and Communications (SSCC 2017)*, Manipal, India, September 2017
- *22nd Australasian Conference on Information Security and Privacy 2017 (ACISP 2017)*, Auckland, New Zealand, July 2017

- *5th International Conference on Human Aspects of Information Security, Privacy and Trust (HAS 2017)*, Vancouver, Canada, July 2017
- *14th IEEE International Conference on Services Computing (SCC 2017)*, Honolulu, HI, USA, June 2017
- *11th International Conference on Frontier of Computer Science and Technology (FCST-2017)*, Exeter, UK, June 2017
- *Special Session on Model-Driven Innovations for Software Engineering (MDI4SE 2017)* co-located with the 12th International Conference on Evaluation of Novel Approaches to Software Engineering), Porto, Portugal, April 2019
- *12th Dependable and Adaptive Distributed Systems (DADS 2017)*, Track of the 32nd ACM Symposium on Applied Computing, Marrakech, Morocco, April 2017
- *14th European Conference on Ambient Intelligence (AmI 2017)*, Malaga, Spain, April 2017
- *3rd ACM Cyber-Physical System Security Workshop (CPSS 2017)*, Abu Dhabi, UAE, April 2017
- *12th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2017)*, Porto, Portugal, April 2017
- *7th International Conference on Cloud Computing and Services Science (CLOSER 2017)*, Porto, Portugal, April 2017
- *14th Annual IEEE Consumer Communications & Networking Conference (CCNC 2017)*, Las Vegas, USA, January 2017
- *International Conference on Behavior Engineering (ICBE 2016)*, Macau, China, December 2016
- *8th International Conference on Computer Science and its Applications (CSA 2016)*, Phuket, Thailand, December, 2016
- *2016 IEEE Global Communications Conference: Communication & Information System Security (Globecom 2016) CISS*, Washington, DC, USA, December 2016
- *8th International Symposium on Cyberspace Safety and Security (CSS 2016)*, Granada, Spain, December 2016
- *8th ACM International Conference on Management of Digital EcoSystems (MEDES)*, Biarritz, France, November 2016
- *8th IFIP International Conference on New Technologies, Mobility and Security - Security Track (NTMS 2015 - Security Track)*, Larnaca, Cyprus, November 2016
- *19th International Information Security Conference (ISC 2016)*, Honolulu, HI, USA, September 2015
- *4th International Symposium on Security in Computing and Communications (SSCC 2016)*, Jaipur, India, September 2016
- *4th International Conference on Human Aspects of Information Security, Privacy and Trust (HAS 2015)*, Toronto, Canada, July 2016
- *21st Australasian Conference on Information Security and Privacy (ACISP 2016)*, Melbourne, Australia, July 2016
- *Future Internet Services and Applications Track (FISA 2016) @ IEEE WETICE 2016*, Paris, France, June 2016
- *11th Dependable and Adaptive Distributed Systems (DADS 2016)*, Track of the 31st ACM Symposium on Applied Computing, Pisa, Italy, April 2016
- *6th International Conference on Cloud Computing and Services Science (CLOSER 2016)*, Rome, Italy, April 2016
- *13th Annual IEEE Consumer Communications & Networking Conference*, Las Vegas, NV, USA, January 2016
- *5th International Symposium on Data-Driven Process Discovery and Analysis (SIMPDA 2015)*, Vienna, Austria, December 2015
- *11th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS 2015)*, Bangkok, Thailand, November 2015
- *7th International Conference on Management of computational and collective Intelligence in Digital EcoSystems (MEDES 2015)*, Caraguatatuba/Sao Paulo, Brazil, October 2015
- *International Workshop on Data-driven and Predictive Business Analytics (DPBA 2015)*, Adelaide, Australia, September 2015

- *18th International Information Security Conference (ISC 2015)*, Trondheim, Norway, September 2015
- *4th ASE International Conference on Cyber Security (CyberSecurity 2015)*, Stanford, CA, USA, August 2015
- *9th International Conference on Information Security Theory and Practice (WISTP 2015)*, Heraklion, Greece, August 2015
- *9th International Conference on Frontier of Computer Science and Technology (FCST 2015)*, Dalian, China, August 2015
- *5th International Workshop on Privacy, Security and Trust in Mobile and Wireless Systems (MobiPST 2015)*, Las Vegas, NV, USA, August 2015
- *3rd International Conference on Future Internet of Things and Cloud (FiCloud 2015)*, Rome, Italy, August 2015
- *7th International Symposium on Cyberspace Safety and Security (CSS 2015)*, New York, USA, August 2015
- *3rd International Conference on Human Aspects of Information Security, Privacy and Trust (HAS 2015)*, Los Angeles, CA, USA, August 2015
- *3rd International Symposium on Security in Computing and Communications (SSCC 2015)*, Kerala, India, August 2015
- *Web2Touch 2015: Modelling the Collaborative Web Knowledge Track @ IEEE WETICE 2015*, Larnaca, Cyprus, June 2015
- *1st International Conference on Mobile, Secure and Programmable Networking (MSPN 2015)*, Paris, France, June 2015
- *7th IFIP International Conference on New Technologies, Mobility and Security - Security Track (NTMS 2015 - Security Track)*, Paris, France, July 2015
- *Future Internet Services and Applications (FISA 2015)*, Larnaca, Cyprus, June 2015
- *5th International Conference on Cloud Computing and Services Science (CLOSER 2015)*, Lisbona, Portugal, May 2015
- *CSP Innovation Forum 2015 (Cyber Security and Privacy Innovation Forum)*, Brussels, Belgium, April 2015
- *10th Dependable and Adaptive Distributed Systems (DADS 2015), Track of the 30th ACM Symposium on Applied Computing*, Salamanca, Spain, April 2015
- *Workshop on Security and Privacy in Model Based Engineering (SPIE 2015)*, Angers, France, February 2015
- *6th International Conference on Computer Science and its Applications (CSA 2014)*, Guam, USA, December 2014
- *10th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS 2014)*, Marrakesh, Morocco, November 2014
- *17th Information Security Conference (ISC 2014)*, Hong Kong, October 2014
- *2nd Cloud and Autonomic Computing Conference (CAC 2014)*, London, UK, September 2014
- *2nd International Workshop on Security and Privacy Preserving in e-Societies (SecesS 2014)*, Buraidah Al Qassim, Saudi Arabia, September 2014
- *2nd International Symposium on Security in Computing and Communications (SSCC-2014)*, Delhi, India, September 2014
- *7th International Conference on Human-centric Ubiquitous Computing and Applications (HumanCom-14)*, Ostrava, Czech Republic, August 2014
- *12th IEEE International Conference on Dependable, Autonomic and Secure Computing (DASC 2014)*, Dalian, China, August 2014
- *9th International Workshop on Security (IWSEC 2014)*, Hirosaki, Japan, August 2014
- *4th International Workshop on Privacy, Security and Trust in Mobile and Wireless Systems (MobiPST 2014)*, Shanghai, China, August 2014
- *28th IFIP WG 11.3 Conference on Data and Application Security and Privacy (DBSEC 2014)*, Vienna, Austria, July 2014

- *Web2Touch 2014: Ontology Applications and Web Semantics Conference Track @ IEEE WETICE 2014*, Parma, Italy, June 2014
- *3rd Track on Provisioning and Management of Service Oriented Architecture and Cloud Computing (PRO-MASC 2014) @ IEEE WETICE 2014*, Parma, Italy, June 2014
- *8th International Workshop in Information Security Theory and Practice (WISTP 2014)*, Heraklion, Greece, June 2014
- *2nd International Conference on Human Aspects of Information Security, Privacy and Trust (HAS 2014)*, Heraklion, Greece, June 2014
- *International Workshop on Engineering Cyber Security and Resilience (ECSaR 2014)*, Stanford, CA, USA, May 2014
- *CSP Forum Conference 2014 (Cyber Security and Privacy Forum)*, Athens, Greece, May 2014
- *8th IEEE International Symposium on Security and Multimodality in Pervasive Environment (SMPE 2014)*, Victoria, Canada, May 2014
- *3rd IEEE/ASE International Conference on Cyber Security (CyberSecurity 2014)*, San Jose, CA, USA, May 2014
- *4th International Conference on Cloud Computing and Services Science (CLOSER 2014)*, Barcelona, Spain, April 2014
- *International Workshop on Trusted Platforms for Mobile Cloud Computing (TPMCC 2014)*, Oxford, UK, April 2014
- *6th IFIP International Conference on New Technologies, Mobility and Security - Security Track (NTMS 2014 - Security Track)*, Dubai, UAE, March-April 2014
- *9th Dependable and Adaptive Distributed Systems (DADS 2014), Track of the 29th ACM Symposium on Applied Computing*, Gyeongju, Korea, March 2014
- *9th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS 2013)*, Kyoto, Japan, December 2013
- *5th International Conference on Computer Science and its Applications (CSA 2013)*, Danang, Vietnam, December 2013
- *15th IEEE International Conference on High Performance Computing and Communications (HPCC 2013)*, Zhangjiajie, China, November 2013
- *8th International Workshop on Security (IWSEC 2013)*, Okinawa, Japan, November 2013
- *5th International Symposium on Cyberspace Safety and Security (CSS 2013)*, Zhangjiajie, China, November 2013
- *18th European Symposium on Research in Computer Security (ESORICS 2013)*, London, UK, September 2013
- *International Symposium on Security in Computing and Communications (SSCC 2013)*, Mysore, India, August 2013
- *7th IEEE International Conference on Digital Ecosystems and Technologies Special Theme - Complex Environment Engineering (IEEE DEST 2013)*, Stanford, CA, USA, July 2013
- *27th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2013)*, Newark, NJ, USA, July 2013
- *1st International Conference on Human Aspects of Information Security, Privacy and Trust (HAS 2013)*, Las Vegas, NV, USA, July 2013
- *3rd International Workshop on Privacy, Security and Trust in Mobile and Wireless Systems (MobiPST 2013)*, Nassau, Bahamas, July 2013
- *3rd IEEE International Workshop on Security and Privacy Engineering (SPE 2013)*, San Francisco, CA, USA, June 2013
- *IEEE 2013 International Workshop on Service Security and Assurance Perspectives (WOSSAP 2013)*, San Francisco, CA, USA, June 2013
- *Workshop on Provisioning and Management of Service Oriented Architecture and Cloud Computing (PRO-MASC 2013)*, Hammamet, Tunisia, June 2013
- *7th Workshop in Information Security Theory and Practice (WISTP 2013) - Securing Mobile and Cyber-physical Systems*, Crete, Greece, May 2013

- *International Conference on Privacy and Security in Mobile Systems (PRISMS 2013)*, Atlantic City, NJ, USA, June 2013
- *3rd International Conference on Cloud Computing and Services Science (CLOSER 2013)*, Aachen, Germany, May 2013
- *3rd IFIP WG 11.6 Working Conference on Policies & Research in Identity Management (IFIP IDMAN 2013)*, London, UK, April 2013
- *8th Dependable and Adaptive Distributed Systems (DADS 2013)*, Track of the 28th ACM Symposium on Applied Computing, Coimbra, Portugal, March 2013
- *7th International Symposium on Security and Multimodality in Pervasive Environment (SMPE 2013)*, Barcelona, Spain, March 2013
- *International Conference on Computing, Networking and Communications (ICNC 2013)*, San Diego, CA, USA, January 2013
- *4th IEEE International Conference on Cloud Computing Technology and Science (CloudCom 2012)*, Taipei, Taiwan, December 2012
- *4th International Symposium on Cyberspace Safety and Security (CSS 2012)*, Melbourne, Australia, December 2012
- *2012 ASE/IEEE International Conference on Cyber Security (ICCS 2012)*, Washington, DC, USA, December 2012
- *2012 International Workshop on Human centric computing, P2P, Grid and Cloud computing (HPGC 2012)*, Korea, December 2012
- *8th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS 2012)*, Sorrento, Italy, November 2012
- *IEEE Asia Pacific Cloud Computing Congress 2012 (APCloud 2012)*, Shenzhen, China, November 2012
- *4th International Conference on Computer Science and its Applications (CSA 2012)*, Jeju, Korea, November 2012
- *7th International Workshop on Security (IWSEC 2012)*, Fukuoka, Japan, November 2012
- *17th European Symposium on Research in Computer Security (ESORICS 2012)*, Pisa, Italy, September 2012
- *5th International Conference on Human-centric Computing (HumanCom 2012)*, Gwangju, Korea, September 2012
- *5th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2012)*, Rome, Italy, August 2012
- *26th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2012)*, Paris, France, July 2012
- *International Workshop on Privacy, Security and Trust in Mobile and Wireless Systems (MobiPST 2012)*, Munich, Germany, July 2012
- *1st International Workshop on Clouds for Business and Business for Clouds (C4BB4C)*, Madrid, Spain, July 2012
- *International Conference on Security and Cryptography (SECRYPT 2012)*, Rome, Italy, July 2012
- *IEEE 2012 Services Workshop on Security and Privacy Engineering (SPE2012)*, Honolulu, HI, USA, June 2012
- *4th International ICST Conference on Security and Privacy in Mobile Information and Communication Systems (MobiSec 2012)*, Frankfurt, Germany, June 2012
- *6th International Conference on Digital Ecosystem Technologies - Complex Environment Engineering (IEEE DEST-CEE 2012)*, Campione d'Italia, Italy, June 2012
- *6th Workshop in Information Security Theory and Practice (WISTP 2012) - Security, Privacy, and Trust in Computing Systems and Ambient Intelligent Ecosystem*, Egham, UK, June 2012
- *2nd International Conference on Cloud Computing and Services Science (CLOSER 2012)*, Porto, Portugal, April 2012
- *6th International Symposium on Security and Multimodality in Pervasive Environments (SMPE 2012)*, Fukuoka, Japan, March 2012

- *International Conference on Computing, Networking and Communications, Communications and Information Security Symposium (ICNC 2012 - CIS)*, Maui, HI, USA, January–February 2012
- *9th IEEE International Conference on Dependable, Autonomic and Secure Computing (DASC 2011)*, Sydney, Australia, December 2011
- *Workshop on Provisioning and Management of Service Oriented Architecture and Cloud Computing (PRO-MASC 2011)*, Paphos, Cyprus, December 2011
- *3rd International Conference on Computer Science and its Applications (CSA 2011)*, Jeju, Korea, December 2011
- *2011 International Workshop on Human centric computing, P2P, Grid and Cloud computing (HPGC 2011)*, Jeju, Korea, December 2011
- *6th International Workshop on Security (IWSEC 2011)*, Tokyo, Japan, November 2011
- *ACM Workshop on Privacy in the Electronic Society (WPES 2011)*, Chicago, IL, USA, October 2011
- *5th International Conference on Network and System Security (NSS 2011)*, Milan, Italy, September 2011
- *5th International Conference on Emerging Security Information, Systems and Technologies (SECURWARE 2011)*, Nice/Saint Laurent du Var, France, August 2011
- *9th Annual Conference on Privacy, Security and Trust (PST 2011)*, Montreal, Canada, July 2011
- *International Conference on Security and Cryptography (SECRYPT 2011)*, Seville, Spain, July 2011
- *25th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2011)*, Richmond, VA, USA, July 2011
- *International Workshop on Security and Privacy Preserving in e-Societies (SeceS 2011)*, Lebanon, June 2011
- *IEEE International Conference on Communications (ICC 2011)*, Kyoto, Japan, June 2011
- *3rd International ICST Conference on Security and Privacy in Mobile Information and Communication Systems (Mobisec 2011)*, Aalborg, Denmark, May 2011
- *6th Conference on Network Architectures and Information Systems Security (SAR-SSI 2011)*, La Rochelle, France, April 2011
- *5th International Symposium on Security and Multimodality in Pervasive Environments (SMPE 2011)*, Biopolis, Singapore, March 2011
- *4th IFIP International Conference on New Technologies, Mobility and Security - Security Track (NTMS 2011 - Security Track)*, Paris, France, February 2011
- *6th International Conference on Information Systems Security (ICISS 2010)*, Gandhinagar Gujarat, India, December 2010
- *6th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS 2010)*, Kuala Lumpur, Malaysia, December 2010
- *11th International Conference on Web Information System Engineering (WISE 2010)*, Hong Kong, China, December 2010
- *2010 IFIP IDMAN Conference on National Identity Management*, Oslo, Norway, November 2010
- *5th International Workshop on Security (IWSEC 2010)*, Kobe, Japan, November 2010
- *4th International Conference on Network and System Security (NSS 2010)*, Melbourne, Australia, September 2010
- *6th International Conference on Security and Privacy in Communication Networks (SecureComm 2010)*, Singapore, September 2010
- *3rd International Conference on Human-centric Computing (HumanCom 2010)*, Cebu, Philippines, August 2010
- *2010 International Workshop on Computing Technologies and Business Strategies for u-Healthcare (CBuH2010)*, Seoul, Korea, July 2010
- *International Conference on Security and Cryptography (SECRYPT 2010)*, Athens, Greece, July 2010
- *24th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2010)*, Rome, Italy, June 2010
- *Workshop on Provisioning and Management of Service Oriented Architecture and Cloud Computing (PRO-MASC 2010)*, Tozeur, Tunisia, May–June 2010

- *2nd International ICST Conference on Security and Privacy in Mobile Information and Communication Systems (MobiSec 2010)*, Catania, Italy, May 2010
- *4th International Symposium on Security and Multimodality in Pervasive Environments (SMPE 2010)*, Perth, Australia, April 2010
- *4th Workshop in Information Security Theory and Practice (WISTP 2010) - Security and Privacy of Pervasive Systems and Smart Devices*, Passau, Germany, April 2010
- *25th Annual Computer Security Applications Conference (ACSAC 2009)*, Honolulu, HI, USA, December 2009
- *2nd International Conference on Computer Science and its Applications (CSA 2009)*, Jeju, Korea, December 2009
- *5th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS 2009)*, Marrakech, Morocco, November 2009
- *2009 ACM Workshop on Secure Web Services (SWS 2009)*, Chicago, IL, USA, November 2009
- *International Workshop on Security and Privacy in Wireless and Mobile Computing, Networking and Communications (SecPri\_WiMob 2009)*, Marrakech, Morocco, October 2009
- *23rd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2009)*, Montreal, Canada, July 2009
- *3rd International Conference on Information Security and Assurance (ISA 2009)*, Seoul, Korea, June 2009
- *3rd Symposium on Security and Multimodality in Pervasive Environments (SMPE 2009)*, Bradford, UK, May 2009
- *24th Annual Computer Security Applications Conference (ACSAC 2008)*, Anaheim, CA, USA, December 2008
- *4th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS 2008)*, Bali, Indonesia, November 2008
- *International Workshop on Privacy in Location-Based Applications (PiLBA 2008)*, Malaga, Spain, October 2008
- *International Workshop on Security and Privacy in Wireless and Mobile Computing, Networking and Communications (SecPri\_WiMob 2008)*, Avignone, France, October 2008
- *23rd International Information Security Conference (SEC 2008)*, Milan, Italy, September 2008
- *2nd Symposium on Security and Multimodality in Pervasive Environments (SMPE 2008)*, Dublin, Ireland, July 2008
- *2nd IEEE Conference on Digital Ecosystems and Technologies (DEST 2008)*, Phitsanulok, Thailandia, February 2008

Publication Chair delle seguenti conferenze:

- *5th International Workshop on Security and Trust Management (STM 2009)*, Saint Malo, France, September 2009
- *12th Information Security Conference (ISC 2009)*, Pisa, Italy, September 2009

Finance Chair delle seguenti conferenze:

- *14th IEEE International Conference on Mobile Data Management (MDM 2013)*, Milan, Italy, June 2013

Publicity Chair delle seguenti conferenze:

- *27th Annual IFIP WG 11.3 Working Conference on Data and Applications Security and Privacy (DBSec 2013)*, Newark, NJ, USA, July 2013
- *Workshop in Information Security Theory and Practice (WISTP 2013) – Securing Mobile and Cyber-physical Systems*, Heraklion, Greece, May 2013
- *8th International Conference on Information Systems Security (ICISS 2012)*, Guwahati, India, December 2012
- *7th International Conference on Information Systems Security (ICISS 2011)*, Kolkata, India, December 2011

- *European Symposium on Research in Computer Security (ESORICS 2011)*, Leuven, Belgium, September 2011
- *6th International Conference on Information Systems Security (ICISS 2010)*, Gandhinagar Gujarat, India, December 2010
- *24th Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2010)*, Rome, Italy, June 2010
- *Workshop in Information Security Theory and Practices (WISTP 2010) - Security and Privacy of Pervasive Systems and Smart Devices*, Passau, Germany, April 2010
- *Workshop in Information Security Theory and Practices (WISTP 2009) - Smart Devices, Convergence and Next Generation Networks*, Brussels, Belgium, September 2009
- *23rd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2009)*, Concordia University, Montreal, Canada, July 2009
- *22nd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSec 2008)*, London, UK, July 2008
- *Workshop in Information Security Theory and Practices 2008: Smart Devices, Convergence and Next Generation Networks (WISTP 2008)*, Seville, Spain, May 2008
- *2nd International Workshop on Security and Trust Management (STM 2006)*, Hamburg, Germany, September 2006
- *10th European Symposium on Research in Computer Security (ESORICS 2005)*, Milan, Italy, September 2005

Ha svolto numerose revisioni di lavori sottomessi a conferenze internazionali, quali:

- *International Conference on Information and Communication Technology Research (ICTRC2015)*, Abu Dhabi, UAE, May 2015
- *19th European Symposium on Research in Computer Security (ESORICS 2014)*, Wroclaw, Poland, September 2014
- *9th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2014)*, Kyoto, Japan, June 2014
- *33rd International Conference on Distributed Computing Systems (ICDCS 2013)*, Philadelphia, PA, USA, July 2013
- *IEEE BigData Congress 2013 conference (BigData 2013)*, Santa Clara, CA, USA, June–July 2013
- *8th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2013)*, Hangzhou, China, May 2013
- *International Conference on Security, Privacy and Applied Cryptography Engineering (SPACE 2012)*, Chennai, India, November 2012
- *19th ACM Conference on Computer and Communications Security (CSS 2012)*, Raleigh, NC, USA, October 2012
- *14th International Conference on Information and Communications Security (ICICS 2012)*, Hong Kong, October 2012
- *8th International Conference on Security and Privacy in Communication Networks (SecureComm 2012)*, Padua, Italy, September 2012
- *7th International Conference on Information Systems Security (ICISS 2011)*, Kolkata, India, December 2011
- *2011 International Conference on Information Systems (ICIS 2011)*, Shanghai, China, December 2011
- *5th ACM International Conference on Distributed Event-Based Systems (DEBS 2011)*, New York, NY, USA, July 2011
- *9th IEEE International Conference on Web Services (ICWS 2011)*, Washington, DC, USA, July 2011
- *16th ACM Symposium on Access Control Models and Technologies (SACMAT 2011)*, Innsbruck, Austria, June 2011
- *6th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2011)*, Hong Kong, March 2011



- *12th International Conference on Information and Communications Security (ICICS 2010)*, Barcelona, Spain, December 2010
- *13th Information Security Conference (ISC 2010)*, Boca Raton, FL, USA, October 2010
- *19th ACM International Conference on Information and Knowledge Management (CIKM 2010)*, Toronto, Canada, October 2010
- *7th European Workshop on Public Key Services, Applications and Infrastructures (EuroPKI 2010)*, Athens, Greece, September 2010
- *2nd IEEE International Conference on Information Privacy, Security, Risk and Trust (PASSAT 2010)*, Minneapolis, MN, USA, August 2010
- *IEEE International Symposium on Policies for Distributed Systems and Networks*, Fairfax, VA, USA, July 2010
- *30th International Conference on Distributed Computing Systems (ICDCS 2010)*, Genova, Italy, June 2010
- *5th ACM Symposium on Information, Computer and Communications Security (ASIACCS 2010)*, Beijing, China, April 2010
- *13th International Conference on Extending Database Technology (EDBT 2010)*, Lausanne, Switzerland, March 2010
- *Financial Cryptography (FC 2010)*, Tenerife, Spain, January 2010
- *4th International Conference on Risks and Security of Internet and Systems (CRiSIS 2009)*, Toulouse, France, October 2009
- *5th International ICST Conference on Security and Privacy in Communication Networks (SecureComm 2009)*, Athens, Greece, September 2009
- *22nd IEEE Computer Security Foundations Symposium (CSF 2009)*, New York, NY, USA, July 2009
- *5th International Conference on Open Source Systems*, Skovde, Sweden, June 2009
- *29th International Conference on Distributed Computing Systems (ICDCS 2009)*, Montreal, Canada, June 2009
- *23rd International Conference on Advanced Information Networking and Applications (AINA 2009)*, Bradford, UK, May 2009
- *15th ACM Conference on Computer and Communications Security (CCS 2008)*, Alexandria, VA, USA, October 2008
- *Workshop on Privacy in the Electronic Society (WPES 2008)*, Alexandria, VA, USA, October 2008
- *13th European Symposium on Research in Computer Security (ESORICS 2008)*, Malaga, Spain, October 2008
- *22nd Annual IFIP WG 11.3 Working Conference on Data and Applications Security (DBSEC 2008)*, London, UK, July 2008
- *10th Information Security Conference (ISC 2007)*, Valparaiso, Chile, October 2007
- *2007 IEEE Symposium on Security and Privacy*, Oakland, CA, USA, May 2007
- *Annual Computer Security Applications Conference (ACSAC 2006)*, Miami Beach, FL, USA, December 2006
- *3rd International Conference on Service Oriented Computing*, Amsterdam, The Netherlands, December 2005
- *4th International Conference on Web Engineering (ICWE 2004)*, Monaco, Germany, July 2004

## 5.5 Attività editoriali

Ha svolto numerose revisioni di lavori sottomessi a riviste internazionali, quali:

- *ACM Computing Surveys*
- *ACM SIGMOBILE periodical, Mobile Computing and Communications Review (MC2R)*
- *ACM Transactions on the WEB (TWEB)*
- *Annals of telecommunications*
- *Applied Computing and Informatics (ACI)*

- *COMputer NETworks (COMNET)*
- *Computers & Security (COSE)*
- *Future Internet*
- *IEEE Access*
- *IEEE Internet Computing*
- *IEEE Systems Journal*
- *IEEE Transactions on Cloud Computing (TCC)*
- *IEEE Transactions on Dependable and Secure Computing (TDSC)*
- *IEEE Transactions on Information Forensics & Security (TIFS)*
- *IEEE Transactions on Mobile Computing (TMC)*
- *IEEE Transactions on Parallel and Distributed Systems (TPDS)*
- *IEEE Transactions on Services Computing (TSC)*
- *IEEE Transactions on Systems, Man and Cybernetics (TSMC)*
- *IEEE Transactions on Visualization and Computer Graphics (TVCG)*
- *IET Information Security*
- *Information Systems Frontiers*
- *International Journal of Big Data (IJBD)*
- *International Journal of Business Continuity and Risk Management (IJBCRM)*
- *International Journal of Communication Systems (IJCS)*
- *International Journal of Computational Intelligence Systems*
- *Journal of Biomedical Informatics*
- *Journal of Computer and System Sciences (JCSS)*
- *Journal of Computer Science and Technology, Springer*
- *Journal of Computer Security (JCS)*
- *Journal of Computer Standards & Interfaces (CSI)*
- *Journal of Information Processing Systems (JIPS)*
- *Journal of Science of Computer Programming*
- *Journal of System Architecture (JSA)*
- *LNCS Transactions on Large-Scale Data and Knowledge Centered Systems (TLDKS)*
- *Multimedia Tools and Applications (MTAP)*
- *Springer Artificial Intelligence and Law*
- *Springer Computing*
- *Springer Journal of Systems and Software*
- *Universal Access in the Information Society (UAIS), Springer*
- *Wireless Communications and Mobile Computing, Wiley InterScience*
- *World Wide Web Journal (WWWJ)*

Ha svolto attività di revisione per proposte di monografie sottomesse a Springer, John Wiley and Sons publisher e a CRC Press (Taylor & Francis Group).

Ha svolto attività di revisione per i seguenti libri

- *Privacy in a Digital, Networked World – Technologies, Implications and Solutions* (M. Badra, S. Zeadally, eds.)

## 5.6 Attività di standardizzazione

- Partecipa ai lavori del CSA (Cloud Security Alliance) Metrics subgroup, parte del Cloud Trust working group (CSA CT wg).
- Partecipa alla scrittura del documento dal titolo “Requirements and Recommendations for Assurance in Cloud Security - Part 2: Requirements for the future security control frameworks in a certification context” nell’ambito del CENELEC/CEN CWA workshop “Requirements and Recommendations for Assurance in Cloud Security (RACS)”.
- Ha partecipato alla scrittura del documento dal titolo “Requirements and Recommendations for Assurance in Cloud Security Part 1: Contributed recommendations from European projects” nell’ambito del CENELEC/CEN CWA workshop “Requirements and Recommendations for Assurance in Cloud Security (RACS)”.
- Ha partecipato alla scrittura del documento dal titolo “Specifications Identification & Gap Analysis on Use Cases 43, 78, 80”, sottomesso all’ETSI Cloud Standards Coordination (CSC) Task Force e allo Special Interest Group (SIG) on Certification, e disponibile alla pagina <http://csc.etsi.org/Application/documentapp/downloadimmediate/?docId=123>.
- Ha partecipato all’ETSI Cloud Standards Coordination (CSC) Task Force e contribuito ai lavori dell’ETSI CSC Standardization Effort.

## 5.7 Membro di commissioni di dottorato

- Membro della commissione interna di valutazione dei dottorandi (primo anno) [2017 – XXXI Ciclo]
- Membro della commissione interna di valutazione dei dottorandi (secondo anno) [2016 – XXIX e XXX Ciclo]
- Membro della commissione interna di valutazione del dottorando Zaffar Haider Janjua, Università degli Studi di Milano [2016].
- Membro della commissione per l’esame finale del dottorato di ricerca in Informatica, Università la Sapienza Roma [2015-16].
- Membro del collegio docenti del Dottorato in Informatica, Università degli Studi di Milano.
- Membro della commissione interna di valutazione dei dottorandi (secondo anno) [2015 – XXIX Ciclo]
- Membro della commissione interna di valutazione dei dottorandi uscenti [2013 – XXVI Ciclo]

## 5.8 Altre attività istituzionali, organizzative e di servizio

- Referente per la valutazione della qualità (AQ) del corso di laurea magistrale in sicurezza informatica, Dipartimento di Informatica, Università degli Studi di Milano
- Membro della commissione elettorale per l’elezione del presidente della scuola di dottorato in informatica [Ottobre 2015]
- Ha partecipato, in qualità di membro, a 19 commissioni di selezione per bandi di concorso per assegni di ricerca, rinnovi di assegni di ricerca, personale di categoria D ed EP – area tecnica, tecnico-scientifica ed elaborazione dei dati.
- È iscritto all’albo dei revisori, MIUR – Ministero dell’Istruzione, dell’Università e della Ricerca [2013–oggi]
- Docente tutor per il corso di Laurea Triennale in Sicurezza dei Sistemi e delle Reti Informatiche, Dipartimento di Informatica, Università degli Studi di Milano
- Commissario per il test di verifica delle matricole, Dipartimento di Informatica (Sede di Crema), Università degli Studi di Milano [A.A. 2012-13, 2013-14, 2014-15, 2015-16]
- Co-editore della guida dello studente, Dipartimento di Informatica (Sede di Crema), Università degli Studi di Milano [A.A. 2009-10, 2010-11, 2011-12, 2013-14, 2014-15, 2015-16]
- Partecipa/ha partecipato, in qualità di membro, ai gruppi di ricerca “SEcure Service-oriented Architectures Research” (SESAR – <http://sesar.di.unimi.it/>) Lab and Security, Privacy, and Data Protection (SPDP – <http://spdp.di.unimi.it/>) Laboratory.

## 6 Relazioni invitate

Relazioni invitate presso conferenze/workshop internazionali

- “Security certification of services”, 2nd International Workshop on Policies for the Future Internet (PoFI 2011), Pisa, Italy, June 9, 2011
- “Privacy and Security in Distributed and Pervasive Systems”, 5th International Workshop on Security and Trust Management (STM 2009), Saint Malo, France, September 25, 2009

Relazioni invitate presso i seguenti centri di ricerca/per i seguenti eventi:

- “Moon Cloud: Continuous monitoring and assurance in the cloud”, “Threat Intelligence and Malware Infrastructures” workshop, Dipartimento delle informazioni per la sicurezza (DIS), Rome, Italy, May 3, 2017.
- “Verification, validation, and certification of non-functional properties in distributed systems” presso l’ETISALAT BT Innovation Center, Khalifa University, Abu Dhabi, UAE, February 10, 2014.

Speaker for the following tutorial in International conferences/workshops:

- “Security governance and compliance of distributed systems”, *Italian Conference on Cybersecurity (ITASEC 2018)*, Milan, Italy, January 2018

Speaker per i seguenti panel in conferenze/workshop internazionali:

- “Big Data Assurance and Security”, *International Symposium on Secure Virtual Infrastructures Cloud and Trusted Computing 2016 (C&TC 2016)/15th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE 2016)*, Rhodes, Greece, October 2016
- “Big data, data privacy and cloud: the future interoperable cooperative systems will never be the same!”, *23rd International Conference on Cooperative Information Systems (CoopIS 2015)*, Rhodes, Greece, October 2015
- “Trust in Big Data and Big Data for Trust”, *International Symposium on Secure Virtual Infrastructures Cloud and Trusted Computing 2015 (C&TC 2015)*, Rhodes, Greece, October 2015

Ha partecipato in qualità di relatore a diversi convegni e congressi internazionali per la presentazione degli articoli scientifici [CI-7], [CI-8], [CI-10], [CI-11], [CI-12], [CI-17], [CI-21], [CI-22], [CI-24], [CI-26], [CI-27], [CI-32], [CI-49], [CI-55], [CI-56], [CI-61], [CI-63], [CI-68], [CI-71], [AP-3] elencati in Sezione 8.

## 7 Partecipazione a progetti di ricerca

Partecipa/ha partecipato ai seguenti progetti di ricerca:

- Horizon 2020 (ICT - Big data)  
*Titolo Progetto:* Trustworthy model-aware Analytics Data platform (TOREADOR)  
*Durata:* Gennaio 2016 – Dicembre 2019  
*Unità operativa:* CINI  
*Attività CINI:* Design e sviluppo di algoritmi e soluzioni a supporto del paradigma Big Data Analytics-as-a-Service.  
*Ruolo:* WP leader.
- Horizon2020 (SC1 - Big Data supporting Public Health policies)  
*Titolo Progetto:* Evidenced based management of hearing impairments: Public health policy making based on fusing big data analytics and simulation (EVOTION)  
*Durata:* Ottobre 2016 – Settembre 2019  
*Unità operativa:* Università degli Studi di Milano  
*Attività CINI:* Ricerca e sviluppo di algoritmi e soluzioni Big Data in ambito IoT per health.  
*Ruolo:* Partecipante.

- TENDER ENISA D-COD-16-C12  
*Titolo Progetto:* Study on security aspects of virtualization  
*Durata:* Maggio 2016 – Ottobre 2016  
*Unità operativa:* CINI  
*Attività CINI:* Scrittura di un documento di orientamento sul tema *security aspects of virtualization*.  
*Ruolo:* Lead researcher.
- TENDER ENISA D-COD-15-T35  
*Titolo Progetto:* Big Data Threat Landscape and Good Practice Guide  
*Durata:* Agosto 2015 – Novembre 2015  
*Unità operativa:* CINI  
*Attività CINI:* Scrittura di un documento di orientamento sul tema *Big Data Threat*.  
*Ruolo:* Partecipante.
- PRIN 2010-2011  
*Titolo Progetto:* Genomic Data Management (GenData 2020)  
*Durata:* Febbraio 2013 – Gennaio 2016  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Definizione di soluzioni innovative e avanzate per il supporto dei sistemi di healthcare di prossima generazione.  
*Ruolo:* Partecipante.
- Programma EU Settimo Programma Quadro (ICT - Trustworthy ICT)  
*Titolo Progetto:* Certification infrastrUcture for MUlti-Layer cloUd Services (CUMULUS)  
*Durata:* Ottobre 2012 – Settembre 2015  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Definizione e implementazione di soluzioni innovative basate sul test per la certificazione di proprietà di sicurezza in ambito cloud.  
*Ruolo:* Vice-coordinatore dell'unità di ricerca.
- PII “NuoveTecnologie per il Made in Italy” (DM 10/07/2008)  
*Titolo Progetto:* Knowledge and Business Intelligence Technologies incross- Enterprise environments for italian Advanced Mechanical Industry (Kite.it)  
*Durata:* Luglio 2011 – Dicembre 2014  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Definizione e sviluppo di un framework per la modellazione e implementazione di metriche, business KPI e sonde a livello operativo e strategico, mirate alla gestione dei processi di business nell'industria meccanica italiana.  
*Ruolo:* Partecipante.
- Telecom Italia: Progetti end-to-end  
*Titolo Progetto:* Studio e sperimentazione di scenari di scalabilità orizzontale nell'ottica di fornitura di servizi cloud evoluti in ambito PaaS  
*Durata:* Maggio 2013 – Dicembre 2013  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Definizione e implementazione di soluzioni di scalabilità orizzontale in ambito cloud che permettano la distribuzione e fruizione di servizi cloud evoluti in ambito PaaS. Definizione di metriche monitorabili e regole di scalabilità per l'ottimizzazione delle prestazioni applicative e delle risorse infrastrutturali, salvaguardando la stabilità del sistema.  
*Ruolo:* Partecipante.
- Programma EU Settimo Programma Quadro (ICT - Trustworthy ICT)  
*Titolo Progetto:* Advanced Security Service cERTificate for SOA (ASSERT4SOA)  
*Durata:* Ottobre 2010 – Settembre 2013  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Definizione e implementazione di soluzioni innovative per la certificazione dei servizi e delle applicazioni SOA, e integrazione di tali soluzioni nel ciclo di vita delle architetture software orientate ai servizi.  
*Ruolo:* WorkPackage leader.

- Telecom Italia: Progetti end-to-end  
*Titolo Progetto:* Studio e sperimentazione di servizi cloud evoluti in ambito PaaS  
*Durata:* Luglio 2011 – Dicembre 2011  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Definizione e implementazione di soluzioni innovative di cloud computing a livello PaaS, che rendano possibile l’offerta di funzionalità *SOA-based* nel cloud.  
*Ruolo:* Partecipante.
- Programma EU Settimo Programma Quadro (ICT - Information and Communication Technologies)  
*Titolo Progetto:* Privacy and Identity Management in Europe for Life (PrimeLife)  
*Durata:* Marzo 2008 – Giugno 2011  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Definizione e implementazione di soluzioni innovative per la protezione e il controllo dell’accesso a dati personali degli utenti e analisi, disegno e implementazione di un linguaggio per la gestione degli accessi.  
*Ruolo:* Partecipante.
- Programma EU Sesto Programma Quadro (IST - Information Society Technologies)  
*Titolo Progetto:* PRIME: Privacy and Identity Management for Europe  
*Durata:* Marzo 2004 – Febbraio 2008  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Definizione di politiche, linguaggi e tecniche di autorizzazione per la gestione di accessi in sistemi aperti con supporto di privacy e identità digitali.  
*Ruolo:* Partecipante.
- *Titolo Progetto:* PITAGORA  
*Durata:* Gennaio 2004 – Dicembre 2004  
*Unità operativa:* Università degli Studi di Milano  
*Attività UNIMI:* Ricerca e sviluppo nell’ambito della telefonia mobile con particolare attenzione alle problematiche di sicurezza, protezione delle informazioni e geolocalizzazione (in collaborazione con Siemens Mobile S.p.A.).  
*Ruolo:* Partecipante.

Coordinatore di unità del seguente progetto accettato ma **non** finanziato: BANDO FIRB - PROGRAMMA FUTURO IN RICERCA Anno 2008, titolo “Mining sOftware repoSitories for progrAm maIntenance and seCurity (MOSAIC)”.

## 8 Pubblicazioni

### 8.1 Specchietto riassuntivo delle pubblicazioni

Il lavoro di ricerca svolto è risultato in diverse pubblicazioni, che possono essere classificate come segue:

- 1 Monografia, pubblicata da casa editrice internazionale [MO-1].
- 6 Curatele di Volume, editi da case editrici internazionali [CV-1,...,CV-6].
- 1 Brevetto [BR-1].
- 24 pubblicazioni referate su Riviste Internazionali [RI-1,...,RI-24].
- 71 pubblicazioni referate in atti di Conferenze e Workshop Internazionali [CI-1,...,CI-71].
- 24 Capitoli in Libri [CL-1,...,CL-24].
- 1 Tesi di Dottorato [TD-1]
- 15 Altre Pubblicazioni [AP-1,...,AP-15].

### 8.2 Elenco delle pubblicazioni

#### Monografie

MO-1 E. Damiani, C.A. Ardagna, N. El Ioini, “Open Source Systems Security Certification,” Springer, 2009

## Libri

- LI-1 H. Panetto, C. Debruyne, W. Gaaloul, M.P. Papazoglou, A. Paschke, C.A. Ardagna, R. Meersman (eds.), On the Move to Meaningful Internet Systems. OTM 2017 Conferences - Confederated International Conferences: CoopIS, C&TC, and ODBASE 2017 Part II, Springer International Publishing, 2017
- LI-2 H. Panetto, C. Debruyne, W. Gaaloul, M.P. Papazoglou, A. Paschke, C.A. Ardagna, R. Meersman (eds.), On the Move to Meaningful Internet Systems. OTM 2017 Conferences - Confederated International Conferences: CoopIS, C&TC, and ODBASE 2017 Part I, Springer International Publishing, 2017
- LI-3 C. Debruyne, H. Panetto, R. Meersman, T. Dillon, T. Kuhn, D. O’Sullivan, C.A. Ardagna (eds.), On the Move to Meaningful Internet Systems: OTM 2016 Conferences, Springer International Publishing, 2016
- LI-4 C. Debruyne, H. Panetto, R. Meersman, T. Dillon, G. Weichhart, Y. An, C.A. Ardagna (eds.), On the Move to Meaningful Internet Systems: OTM 2015 Conferences, Springer International Publishing, 2015
- LI-5 C.A. Ardagna, E. Damiani, L.A. Maciaszek, M. Missikoff, M. Parkin (eds.), Business System Management and Engineering: From Open Issues to Applications, Springer-Verlag, 2012
- LI-6 C.A. Ardagna, E. Damiani (eds.), Proc. of the 1st IEEE International Workshop on Securing Services on the Cloud (IWSSC 2011), Milan, Italy, September 2011
- LI-7 C.A. Ardagna, J. Zhou (eds.), Information Security Theory and Practice. Security and Privacy of Mobile Devices in Wireless Communication - 5th IFIP WG 11.2 International Workshop, WISTP 2011, Heraklion, Crete, Greece, June 2011. Proceedings Springer 2011
- LI-8 P. Samarati, M. Yung, F. Martinelli, C.A. Ardagna (eds.), Proc. of the 12th International Conference on Information Security, Pisa, Italy, September 2009

## Brevetti

- BR-1 M. Anisetti, C.A. Ardagna, V. Bellandi, E. Damiani, S. Reale, “Method, System, Network and Computer Program Product for Positioning in a Mobile Communications Network,” *European Patent No. EP1765031*, Published in date March 21, 2007

## Articoli in Riviste Internazionali

- RI-1 C.A. Ardagna, V. Bellandi, M. Bezzi, P. Ceravolo, E. Damiani, C. Hebert, “Model-based Big Data Analytics-as-a-Service: Take Big Data to the Next Level,” in *IEEE Transactions on Services Computing*, 2018 (to appear)
- RI-2 M. Anisetti, C.A. Ardagna, V. Bellandi, M. Cremonini, E. Damiani, F. Frati, “Privacy-aware Big Data Analytics as a Service for Public Health Policies in Smart Cities,” in *Sustainable Cities and Society*, February 2018
- RI-3 C.A. Ardagna and R. Asal and E. Damiani and T. Dimitrakos and N. El Ioini and C. Pahl, “Certification-Based Cloud Adaptation,” in *IEEE Transactions on Services Computing*, 2018 (to appear)
- RI-4 M. Anisetti, C.A. Ardagna, E. Damiani, F. Gaudenzi, N. El Ioini, “Modeling Time, Probability, and Configuration Constraints for Continuous Cloud Service Certification,” in *Computer & Security (COSE)*, 2017 (to appear)
- RI-5 M. Anisetti, C.A. Ardagna, E. Damiani, F. Gaudenzi, “A semi-automatic and trustworthy scheme for continuous cloud service certification,” in *IEEE Transactions on Services Computing (TSC)*, 2017
- RI-6 M. Anisetti, C.A. Ardagna, E. Damiani, A. Mana, G. Spanoudakis “Towards transparent and trustworthy cloud,” in *IEEE Cloud Computing Magazine*, 2017
- RI-7 C.A. Ardagna, K. Ariyapala, M. Conti, C.M. Pinotti, J. Stefa, “Anonymous End-to-End Communications in Adversarial Mobile Clouds,” in *Pervasive and Mobile Computing*, Springer, 2016
- RI-8 C.A. Ardagna, E. Damiani, F. Frati, D. Rebecani, “A Configuration-Independent Score-Based Benchmark for Distributed Databases,” in *IEEE Transactions on Services Computing (TSC)*, 9(1):123–137, January-February 2016

- RI-9 C.A. Ardagna, R. Asal, E. Damiani, Q.H. Vu, “From Security to Assurance in the Cloud: A Survey”, in *ACM Computing Surveys (CSUR)*, 48(1):2, September 2015
- RI-10 C.A. Ardagna, M. Conti, M. Leone, J. Stefa, “An Anonymous End-to-End Communication Protocol for Mobile Cloud Environments”, in *IEEE Transactions on Services Computing (TSC)*, 7(3):373–386, July–September 2014
- RI-11 C.A. Ardagna, R. Jhawar, V. Piuri, “Dependability Certification of Services: A Model-Based Approach,” in *Springer Computing*, October 2013
- RI-12 M. Anisetti, C.A. Ardagna, E. Damiani, F. Saonara, “A Test-Based Security Certification Scheme for Web Services,” in *ACM Transactions on the Web*, 7(2):5, May 2013
- RI-13 C.A. Ardagna, S. Jajodia, P. Samarati, A. Stavrou, “Providing Users’ Anonymity in Mobile Hybrid Networks,” in *ACM Transactions on Internet Technology*, 12(3):7, May 2013
- RI-14 C.A. Ardagna, S. De Capitani di Vimercati, S. Foresti, S. Paraboschi, P. Samarati, “Minimising Disclosure of Client Information in Credential-Based Interactions,” in *International Journal of Information Privacy, Security and Integrity (IJIPSI)*, 1(2–3):205–233, 2012
- RI-15 M. Anisetti, C.A. Ardagna, V. Bellandi, E. Damiani, M. Doller, F. Stegmaier, T. Rabl, H. Kosch, L. Brunie, “Landmark-Assisted Location and Tracking in Outdoor Mobile Network,” in *Multimedia Tools and Applications (MTAP)*, 59(1): 89–111, July 2012
- RI-16 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 Service Computing (TSC)*, 4(2):96–109, April–June 2011
- RI-17 M. Anisetti, C.A. Ardagna, V. Bellandi, E. Damiani, S. Reale, “Map-Based Location and Tracking in Multipath Outdoor Mobile Networks,” in *IEEE Transactions on Wireless Communications*, 10(3):814–824, March 2011
- RI-18 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 (TDSC)*, 8(1):13–27, January–February 2011
- RI-19 C.A. Ardagna, S. De Capitani di Vimercati, S. Foresti, T. Grandison, S. Jajodia, P. Samarati, “Access Control for Smarter Healthcare Using Policy Spaces,” in *Computers & Security*, 29(8):848–858, November 2010
- RI-20 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 (JCS)*, 18(1):123–160, January 2010
- RI-21 C.A. Ardagna, M. Cremonini, G. Gianini, “Landscape-Aware Location-Privacy Protection in Location-Based Services,” in *Journal of System Architecture (JSA)*, 55(4):243–254, April 2009
- RI-22 C.A. Ardagna, M. Cremonini, S. De Capitani di Vimercati, and P. Samarati, “A Privacy-Aware Access Control System,” in *Journal of Computer Security (JCS)*, 16(4):369–392, September 2008
- RI-23 M. Anisetti, C.A. Ardagna, V. Bellandi, E. Damiani, S. Reale, “Advanced Localization of Mobile Terminal in Cellular Network,” in *International Journal of Communications, Network and System Sciences (IJCNS)*, Scientific Research Publishing, 1:95–103, February 2008
- RI-24 C.A. Ardagna, E. Damiani, F. Frati, S. Reale, “Secure Authentication Process for High Sensitive Data E-Services: a Roadmap”, in *Journal of Cases on Information Technology (JCIT)*, 9(1):20–35, January–March 2007 (pubblicato anche in *Information Security and Ethics: Concepts, Methodologies, Tools, and Applications*, Information Science Reference, Hershey, New York, 2007)
- RI-25 C.A. Ardagna, F. Frati, G. Gianini, “Open Source in Web-based Applications: A Case Study on Single Sign-On,” *Special Issue on Web-based, Community Driven Open Source Systems in the International Journal of Information Technology and Web Engineering (IJITWE)*, 1(3):81–94, July–September 2006



- RI-26 C.A. Ardagna, E. Damiani, S. De Capitani di Vimercati, P. Samarati, “XML-based Access Control Languages,” in *Information Security Technical Report*, Elsevier Science, 9(3):35–46, July–September 2004
- RI-27 C.A. Ardagna, S. De Capitani di Vimercati, “A Comparison of Modeling Strategies in Defining XML-Based Access Control Languages,” in *International Journal of Computer Systems Science & Engineering*, CRL Publishing, 19(3):141–149, May 2004

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- CI-1 E. Damiani, C.A. Ardagna, P. Ceravolo, N. Scarabottolo, “Toward Model-based Big Data-as-a-Service: The TOREADOR Approach,” in Proc. of the 21st European Conference on Advances in Databases and Information Systems (ADBIS 2017), Nicosia, Cyprus, Settembre 2017
- CI-2 M. Anisetti, C.A. Ardagna, E. Damiani, F. Gaudenzi, P. Tufarolo, “A Security Benchmark For OpenStack,” in Proc. of the 10th IEEE International Conference on Cloud Computing (IEEE CLOUD 2017), Honolulu, HI, USA, June, 2017
- CI-3 C.A. Ardagna, P. Ceravolo, E. Damiani, G. Lena Cota, Muhammad Muneeb Kiani, “What Are My Users Looking For When Preparing A Big Data Campaign,” in Proc. of the 6th IEEE International Congress on Big Data (IEEE BigData Congress 2017), Honolulu, HI, USA, June, 2017
- CI-4 C.A. Ardagna, V. Bellandi, M. Bezzi, P. Ceravolo, E. Damiani, C. Hebert, “A Model-Driven Methodology For Big Data Analytics-as-a-Service,” in Proc. of the 6th IEEE International Congress on Big Data (IEEE BigData Congress 2017), Honolulu, HI, USA, June, 2017
- CI-5 Claudio A. Ardagna, Paolo Ceravolo, Ernesto Damiani, Marcello Leida, ”Scouting Big Data Campaigns using TOREADOR Labs,” in Proc. of EURO Pro Workshop EDBT/ICDT 2017 Joint Conference March 21 2017 - Venice, Italy.
- CI-6 C.A. Ardagna and P. Ceravolo and E. Damiani, “Big Data Analytics as-a-Service: Issues and challenges,” in Proc. of the 3rd International Workshop on Privacy and Security of Big Data (PSBD 2016), Washington, VA, USA, December 2016
- CI-7 M. Anisetti, C. Ardagna, E. Damiani, and F. Gaudenzi, “A Cost-Effective Certification-Based Service Composition for the Cloud,” in *Proc. of the 12th IEEE International Conference on Services Computing (SCC 2016)*, San Francisco, CA, USA, June–July 2016
- CI-8 C. Ardagna, R. Asal, E. Damiani, N. El Ioini, C. Pahl and T. Dimitrakos, “A Certification Technique for Cloud Security Adaptation,” in *Proc. of the 12th IEEE International Conference on Services Computing (SCC 2016)*, San Francisco, CA, USA, June–July 2016
- CI-9 M. Anisetti, C. Ardagna, E. Damiani, and F. Gaudenzi, “A certification framework for cloud-based services,” in *Proc. of the ACM Symposium on Applied Computing (SAC 2016)*, Pisa, Italy, April 2016
- CI-10 M. Anisetti, C.A. Ardagna, E. Damiani, F. Gaudenzi, R. Veca, “Toward Security and Performance Certification of OpenStack,” in *Proc. of the 8th IEEE International Conference on Cloud Computing (CLOUD 2015)*, New York, NY, USA, June–July 2015
- CI-11 M. Anisetti, C.A. Ardagna, E. Damiani, “A Test-Based Incremental Security Certification Scheme for Cloud-Based Systems,” in *Proc. of the 12th IEEE International Conference on Services Computing (SCC 2015)*, New York, NY, USA, June–July 2015 (short paper)
- CI-12 G.E. Jaramillo, M. Anisetti, C.A. Ardagna, A Hybrid Representation Model for Service Contracts, in Proc. of the International Conference on Information and Communication Technology Research (ICTRC2015), Abu Dhabi, UAE, May 2015 (poster paper)
- CI-13 M. Anisetti, C.A. Ardagna, E. Damiani, N. El Ioini, “Trustworthy Cloud Certification: A Model-Based Approach,” in *Proc. of the 4th International Symposium (SIMPDA 2014)*, Milan, Italy, November 2014
- CI-14 C.A. Ardagna, E. Damiani, “Network and Storage Latency Attacks to Online Trading Protocols in the Cloud,” in *Proc. of the 4th International Symposium on Secure Cloud-based Infrastructures - Cloud and Trusted Computing (C&TC 2014)*, Amantea, Italy, October 2014

- CI-15 M. Anisetti, C.A. Ardagna, E. Damiani, “A Certification-Based Trust Model for Autonomic Cloud Computing Systems”, in *Proc. of the IEEE Conference on Cloud Autonomic Computing (CAC 2014)*, London, UK, September 2014
- CI-16 M. Anisetti, C.A. Ardagna, P.A. Bonatti, E. Damiani, M. Faella, C. Galdi, L. Sauro, “e-Auctions for Multi-Cloud Service Provisioning,” in *Proc. of the 11th IEEE International Conference on Services Computing (SCC 2014)*, Anchorage, AL, USA, June–July 2014
- CI-17 C.A. Ardagna, E. Damiani, F. Frati, G. Montalbano, D. Rebecani, M. Ughetti, “A Competitive Scalability Approach for Cloud Architectures,” in *Proc. of the 7th IEEE International Conference on Cloud Computing (CLOUD 2014)*, Anchorage, AL, USA, June–July 2014
- CI-18 C.A. Ardagna, R. Asal, E. Damiani, Q.H. Vu, “On the Management of Cloud Non-Functional Properties: The Cloud Transparency Toolkit,” in *Proc. of the 6th IFIP International Conference on New Technologies, Mobility and Security (NTMS 2014)*, Dubai, UAE, March-April 2014 (invited paper)
- CI-19 C.A. Ardagna, E. Damiani, K.A.R. Sagbo, F. Frati, “Zero-Knowledge Evaluation of Service Performance Based on Simulation,” in *Proc. of the 15th IEEE International Symposium on High Assurance Systems Engineering (HASE 2014)*, Miami, FL, USA, January 2014 (short paper)
- CI-20 M. Anisetti, C.A. Ardagna, M. Bezzi, E. Damiani, A. Sabetta, “Machine-readable privacy certificates for services,” in *Proc. of the International Conference on Secure Virtual Infrastructures (DOA-Trusted Cloud 2013)*, Graz, Austria, September 2013
- CI-21 M. Anisetti, C.A. Ardagna, E. Damiani, “Security Certification of Composite Services: A Test-Based Approach,” in *Proc. of the 20th IEEE International Conference on Web Services (ICWS 2013)*, San Francisco, CA, USA, June–July 2013
- CI-22 C.A. Ardagna, E. Damiani, K.A.R. Sagbo, “Early Assessment of Service Performance Based on Simulation,” in *Proc. of the 10th IEEE International Conference on Services Computing (SCC 2013)*, San Francisco, CA, USA, June–July 2013
- CI-23 C.A. Ardagna, M. Conti, M. Leone, J. Stefa, “Preserving Smartphone Users’ Anonymity in Cloudy Days,” in *Proc. of the 3rd International Workshop on Privacy, Security and Trust in Mobile and Wireless Systems (MobiPST 2013)*, Nassau, Bahamas, August 2013
- CI-24 M. Anisetti, C.A. Ardagna, E. Damiani, J. Maggesi, “Security Certification-Aware Service Discovery and Selection,” in *Proc. of the 5th IEEE International Conference on Service-Oriented Computing and Applications (SOCA 2012)*, Taipei, Taiwan, December 2012
- CI-25 C.A. Ardagna, G. Livraga, and 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 2012
- CI-26 M. Anisetti, C.A. Ardagna, E. Damiani, “A Low-Cost Security Certification Scheme for Evolving Services,” in *Proc. of the 19th IEEE International Conference on Web Services (ICWS 2012)*, Honolulu, HI, USA, June 2012
- CI-27 C.A. Ardagna, E. Damiani, F. Frati, D. Rebecani, M. Ughetti, “Scalability Patterns for Platform-as-a-Service,” in *Proc. of the 5th IEEE International Conference on Cloud Computing (CLOUD 2012)*, Honolulu, HI, USA, June 2012
- CI-28 C.A. Ardagna, E. Damiani, R. Jhawar, V. Piuri, “A Model-Based Approach to Reliability Certification of Services,” in *Proc. of the 6th IEEE International Conference on Digital Ecosystem Technologies - Complex Environment Engineering (DEST-CEE 2012)*, Campione d’Italia, Italy, June 2012
- CI-29 I. Buckley, E. Fernandez, M. Anisetti, C.A. Ardagna, S.M. Sadjadi, E. Damiani, “Towards Pattern-based Reliability Certification of Services,” in *Proc. of the 1st International Symposium on Secure Virtual Infrastructures (DOA-SVI 2011)*, Crete, Greece, October 2011
- CI-30 M. Anisetti, C.A. Ardagna, E. Damiani, F. Frati, A. Pahlevan, H.A. Muller, “A Framework to Support Assurance-based Service Search,” in *Proc. of the 1st International Symposium on Data-Driven Process Discovery and Analysis (SIMPDA 2011)*, Campione d’Italia, Italy, June–July 2011

- CI-31 M. Anisetti, C.A. Ardagna, E. Damiani, “Fine-Grained Modeling of Web Services for Test-Based Security Certification,” in *Proc. of the 8th International Conference on Service Computing (SCC 2011)*, Washington, DC, USA, July 2011
- CI-32 M. Anisetti, C.A. Ardagna, E. Damiani, “Defining and Matching Test-Based Certificates in Open SOA,” in *Proc. of the 2nd International Workshop on Security Testing*, Berlin, Germany, March 2011 (short paper)
- CI-33 M. Anisetti, C.A. Ardagna, F. Guida, S. Guergens, V. Lotz, A. Mana, C. Pandolfo, J.-C. Pazzaglia, G. Pujol, G. Spanoudakis, “ASSERT4SOA: Toward Security Certification of Service-Oriented Applications,” in *Proc. of the 12th International Symposium on Distributed Objects, Middleware, and Applications (DOA 2010)*, Crete, Greece, October 2010 (poster)
- CI-34 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 on Information and Communications Security (ICICS 2010)*, Barcelona, Spain, December 2010
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Claudio Agostino Ardagna