# Federica Paci

*Curriculum Vitae*

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*University of Verona*
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## Personal Information

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| Place of Birth | Milan, Italy |
| Nationality | Italian |
| Marital Status | Married |

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## Education

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| 14 Feb 2008 | **P.hD. in Information Technology**, *DICO*, University of Milan, Italy. |
| Thesis title | *Access Control in Service Oriented Architectures* |
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| 19 Feb 2004 | **Laurea degree with honors in Computer Science (5 years)**, *DICO*, University of Milan, Italy. |
| Graduation mark | 110/110 cum laude |
| Specialization | Database and Information Systems |
| Thesis title | *A system for selectively encrypting and signing XML documents* |

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## Qualifications

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| 17 Dec 2023 | **09/H1 - Italian National Scientific Qualification as Full Professor in Information Processing Systems**. |
| 29 Jan 2014 | **01/B1 - Italian National Scientific Qualification as Associate Professor in Informatics**. |
| 3 Dec 2013 | **09/H1 - Italian National Scientific Qualification as Associate Professor in Information Processing Systems**. |

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## Professional Appointments

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| Dec 2018 Present | **Associate Professor**, *Department of Informatics*, University of Verona, Verona, Italy. |
| Feb 2015 Dec 2018 | **Lecturer in Cyber Security**, *Department of Electronics and Computer Science*, University of Southampton, Southampton, UK. |
| Mar 2012 Jan 2015 | **Post Doctoral Research Fellow**, *Department of Information Engineering and Computer Science*, University of Trento, Trento, Italy. Project: NESSOS - Network of Excellence on Engineering Secure Future Internet Software Services and Systems. Main responsibilities: coordination of research in work packages on Security Requirements for Services and Education and Training in NESSOS; research on empirical evaluation of security engineering methods |

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| Mar 2009<br>Mar 2012 | **Post Doctoral Research Fellow**, *Department of Information Engineering and Computer Science*, University of Trento, Trento, Italy.<br>Project: Secure Change - Security Engineering for lifelong Evolvable Systems. Main responsibilities: coordinating the research in the work package on Requirements; research on security requirements evolution. |
| Feb 2008<br>Mar 2009 | **Post Doctoral Research Fellow**, *Department of Computer Science*, Purdue University, West Lafayette, Indiana, USA.<br>Project: The Design and Use of Digital Identities, NSF and I3P. Main responsibilities: research on privacy-preserving digital identity management. |
| Feb 2006<br>Dec 2006 | **Visiting Scholar**, *Department of Computer Science*, Purdue University, West Lafayette, Indiana, USA.<br>Main responsibilities: research on access control for service-oriented applications. |
| Feb 2005<br>May 2005 | **Visiting Scholar**, *Department of Computer Science*, Purdue University, West Lafayette, Indiana, USA.<br>Main responsibilities: research on access control for service-oriented business processes. |

## Funded Research Projects

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| Nov 2015<br>Feb 2017 | **Enhancing Campus Cyber Security Through Constructivist Student Learning**, *PI*, Higher Education Academy Development Funds Grants, Budget: 53361.89 pounds. |
| Jan 2015<br>March 2015 | **Setting up a Cyber Security Education LAB at Southampton**, *PI*, GCHQ Small Grants, Budget: 25.142 pounds. |
| Sep 13<br>March 2016 | **Empirical Framework for Security Design and Economic Trade-Off (EMFASE)**, *PI*, Eurocontrol Call for Tender, Budget: 25959.68 pounds. |
| Sep 13<br>March 2016 | **Empirical Framework for Security Design and Economic Trade-Off (EMFASE)**, *PI*, Eurocontrol Call for Tender, Budget: 25959.68 pounds. |
| Sep 2021<br>Sep 2023 | **Osservazione dei processi lavorativi, con garanzie oggettive di tutela dellaPrivacy, per la prevenzione di Errori e situazioni di Rischio in maniera Automatica ai tempi di Industria 4.0(OPERA 4.0)**, *Co-PI*, Fondazione Cariverona. |

## Participation in Funded Research Projects

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| Mar 2012<br>Sep 2013 | **Network of Excellence on Engineering Secure Future Internet Software Services and Systems (NESSoS)**, *Work package leader*, FP7 European Project. |
| Mar 2009<br>Mar 2012 | **Security Engineering for lifelong Evolvable Systems (Secure Change)**, *Work package leader*, FP7 European Project. |
| Feb 2008<br>Mar 2009 | **The Design and Use of Digital Identities**, *Researcher*, NSF and I3P Funded Project. |
| May 2007<br>Feb 2008 | **Algorithmic Principles for Building Efficient Overlay Computers (Aeolous)**, *Researcher*, FP7 European Project. |
| Nov 2006<br>May 2007 | **A Trust and Contract Management Framework enabling Secure Collaborations in Dynamic Virtual Organisations (TrustCom)**, *Researcher*, FP6 European Project. |

## Research Interests

**Online privacy**.

**Cyber risk assessment**.

**Identity and Access Manegement**.

## Selected Publications

1. Katsiaryna Labunets, Fabio Massacci, Federica Paci, Katja Tuma. **A new, evidence-based, theory for knowledge reuse in security risk analysis**. Empirical Software Engineering 28(4): 90 (2023). DOI:10.1007/s10664-023-10321-y

2. Federica Paci, Jacopo Pizzoli, Nicola Zannone: **A Comprehensive Study on Third-Party User Tracking in Mobile Applications**. In Proceedings of the 18th International Conference on Availability, Reliability and Security (ARES 2023) 97:1-97:8. DOI:10.1145/3600160.3605079

3. Anna Lisa Ferrara, Federica Paci, Chiara Ricciardi. **Verifiable Hierarchical Key Assignment Schemes.** In Proceedings of IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec'24). DOI:10.1007/978-3-030-81242-3$_2$1

4. Stephen Hart, Andrea Margheri, Federica Paci, Vladimiro Sassone. **Riskio: A Serious Game for Cyber Security Awareness and Education.** Computer Security. 95: 101827 (2020). DOI:10.1016/j.cose.2020.101827

5. Marco De Bona, Federica Paci. **A real world study on employees' susceptibility to phishing attacks.** In Proceedings of the 18th International Conference on Availability, Reliability and Security (ARES 2020).4:1-4:10 DOI:10.1145/3407023.3409179

6. Federica Paci, Anna Squicciarini, and Nicola Zannone. **Survey on Access Control for Community-Centered Collaborative Systems.** ACM Computing Survey. 51, 1, Article 6, 38 pages, 2018. DOI:10.1145/3146025.

7. Shorouq Alansari, Federica Paci, and Vladimiro Sassone. **A distributed access control system for cloud federations**. In Proceedings of 37th IEEE International Conference on Distributed Computing (IEEE ICDCS), Atlanta, GA, 2017, pp. 2131-2136. DOI: 10.1109/ICDCS.2017.24.

8. Kate Labunets, Fabio Massacci, Federica Paci, Sabrina Marczak, Flavio, Moreira de Oliveira. **Model comprehension for security risk assessment: an empirical comparison of tabular vs. graphical representations**. Empirical Software Engineering, 22, 6, pp.3017-3056, 2017. DOI:10.1007/s10664-017-9502-8.

9. Fabio Massacci, Federica Paci, Le Minh Sang Tran. **A Requirements Evolution Approach: Empirical Studies in the Air Traffic Management Domain**. Journal of Systems and Software, 94, pp. 70-88, 2014. DOI:10.1016/j.jss.2013.11.1098.

10. Katsyarina Labunets, Fabio Massacci, Federica Paci, Le Minh Sang Tran. **An Experimental Comparison of Two Risk-Based Security Methods.** In Proceedings of 7th ACM / IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM), Baltimore, MD, pp. 163-172, 2013. DOI: 10.1109/ESEM.2013.29.

## Teaching

### Teaching Experience

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|---|---|
| 2020-Present | **Lecturer**, *Data Security and Privacy*, MSc in Data Science, University of Verona. |
| 2020-Present | **Module Leader and Lecturer**, *Foundations of Security and Privacy*, MSc in Computer Science and Engineering, University of Verona. |
| 2019-Present | **Module Leader and Lecturer**, *Malware*, MSc in Computer Science and Engineering, University of Verona. |
| 2019-2020 | **Lecturer**, *Programming*, BSc in Bioinformatics, University of Verona. |
| 2019 | **Lecturer**, *Introduction to Programming*, BSc in Bioinformatics, University of Verona. |
| 2019 | **Lecturer**, *Malware*, MSc in Computer Science and Engineering, University of Verona. |

| 2017-2018 | **Module Leader and Lecturer**, *COMP2216 - Principles of Cyber Security*, BSc in Computer Science, MEng in Computer Science with Cyber Security, University of Southampton. |
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| 2017-2018 | **Module Leader and Lecturer**, *COMP6224 - Foundations of Cyber Security*, MSc in Cyber Security, University of Southampton. |
| 2015-Present | **Module Leader and Lecturer**, *COMP6236 - Software Engineering and Cyber Security*, MSc in Cyber Security, University of Southampton. |
| 2015-2017 | **Module Leader and Lecturer**, *COMP3217 - Secure Systems*, BSc in Computer Science, MSc in Cyber Security, University of Southampton. |
| 2013-2015 | **Lecturer**, *Security Engineering*, EIT ICT Labs Master in Security and Privacy, University of Trento. |
| 2012 | **Teaching Assistant**, *Security Engineering*, EIT ICT Lab Master in Security and Privacy, University of Trento. |
| 2011 | **Module Leader and Lecturer**, *Security and Privacy*, Master in Technologies for e-Government, University of Trento. |
| 2010 | **Teaching Assistant**, *Computer Security*, Master in Informatics, University of Trento. |
| 2009 | **Teaching Assistant**, *Computer Security*, Master in Informatics, University of Trento. . |

## PhD Students Supervision

| Jan 2018 2022 | **Robert Thorburn**, *Privacy and Compliance in IoT applications*, Co-supervised with: Prof. Vladimiro Sassone, University of Southampton. |
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| Dec 2017 May 2022 | **Stephen Hart**, *A Serious Game for Cyber Risk Management*, Co-supervised with: Prof. Vladimiro Sassone, University of Southampton. University of Southampton |
| Sep 2017 January 2019 | **Sandra Pointon**, *Privacy and Anonymity in Windows 10*, Co-supervised with: Prof. Vladimiro Sassone, University of Southampton. |
| Dec 2015 July 2020 | **Shorouq Alansari**, *A Decentralized Framework for Personalized Data Protection*, Co-supervised with Prof. Vladimiro Sassone, University of Southampton. |
| 2015-2017 | **Fatmah Akeel**, *Secure Data Integration Systems*, Co-supervised with Prof. Gary Wills, University of Southampton. |

## Undergraduate Students Supervision

| 2024 | **Luca Gugole**, *Un'Applicazione per l'identificazione di vulnerabilita' basata su LLMs*, MSc in Computer Science and Engineering, University of Verona. |
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| 2024 | **Samuele Tremolini**, *Privacy nelle Applicazioni Mobile: Studio sul Tracciamento degli Utenti in Android e iOS*, MSc in Computer Science and Engineering, University of Verona. |
| 2024 | **Eric Bertolotti**, *WebAuthn Tester: un tool per la rilevazione automatica delle vulnerabilita' nei protocolli FIDO2*, MSc in Computer Science and Engineering, University of Verona. |
| 2024 | **Mattia Carra**, *An empirical evaluation of IOS Transparency and Choice Features On App Tracking*, MSc in Computer Science and Engineering, University of Verona. |
| 2024 | **Emauel Cirabisi**, *A methodology for the risk analysis of industrial control systems*, MSc in Computer Science and Engineering, University of Verona. |
| 2023 | **Geremia Furri**, *Studio delle vulnerabilita' presenti nelle implementazioni del procollo WebAuthn*, BSc in Computer Science, University of Verona. |

2023 **Francesca Annibaletti**, *Uno studio sulla trasparenza delle funzionalita' di privacy di IOS*, MSc in Computer Science and Engineering, University of Verona.

2023 **Giovanni Danieli**, *Uno studio sperimentale delle vulnerabilita' presenti nell' implementazione di protocolli di autenticazione passwordless*, MSc in Computer Science and Engineering, University of Verona.

2023 **Massimo Onisto**, *Uno studio empirico sulla trasparenza dell' esercizio del diritto di accesso*, MSc in Computer Science and Engineering, University of Verona.

2023 **Armando De Berti**, *Uno studio sperimentale sull'utilizzo di cookie e altre tecnologie di tracciamento di terze parti adottate dai siti web*, MSc in Computer Science and Engineering, University of Verona.

2023 **Armando De Berti**, *Uno studio sperimentale sull'utilizzo di cookie e altre tecnologie di tracciamento di terze parti adottate dai siti web*, MSc in Computer Science and Engineering, University of Verona.

2023 **Maria Gioia Renoffio**, *Le icone grafiche migliorano la comprensione delle politiche di privacy?*, MSc in Computer Science and Engineering, University of Verona.

2023 **Mohamed Chems Eddine Laoubi**, *Context aware privacy checker for Industry 4.0 application*, MSc in Computer Engineering and Robotics, University of Verona.

2023 **Jacopo Pizzoli**, *UUno studio sull'utilizzo di tecnologie di tracciamento in applicazioni Android e iOS*, MSc in Computer Science and Engineering, University of Verona.

2023 **Fabio Lena**, *Uno studio sulla vulnerabilità dei dipendenti aziendali agli attacchi di phishing*, MSc in Computer Science and Engineering, University of Verona.

2022 **Benedetta Amore**, *Uno studio sulla suscettibilità degli utenti di LinkedIn ad attacchi di Reverse Social Engineering*, MSc in Computer Science and Engineering, University of Verona.

2022 **Luca Verdolini**, *Un Framework per la GAP Analysis rispetto al Digital Operational Resilience Act*, MSc in Computer Science and Engineering, University of Verona.

2021 **Olivio Quinci**, *Un analisi delle caretteristiche delle email di phishing*, MSc in Computer Science and Engineering, University of Verona.

2020 **Davide Bianchin**, *Un approccio per preservare la privacy nello sviluppo di applicazioni IFTTT*, MSc in Computer Science and Engineering, University of Verona.

2020 **Marco DeBona**, *Uno studio sulla susceptibilita' agli attacchi di ingegneria sociale*, MSc in Computer Science and Engineering, University of Verona.

2018 **Yongzhen Mao**, *Access Control in Smart Buildings*, MSc in Cyber Security, University of Southampton.

2018 **Li Yang**, *An Access Control Model for Smart Home Applications*, MSc in Cyber Security, University of Southampton.

2018 **Santa Keirane**, *A Decentralized RBAC Model*, MSc in Cyber Security, University of Southampton.

2017 **Asterios Mitsiakos**, *A Decentralized Access Control Model for Cloud Federations*, MSc in Cyber Security, University of Southampton.

2017 **Yongqing Zhang**, *A Risk-based Access Control Model for Smart Homes*, MSc in Cyber Security, University of Southampton.

2016 **Blythe Jamie**, *Detecting and Mitigating Function Level Access Control Vulnerabilities in Web Applications*, BSc in Computer Science, University of Southampton.

2016 **Ganchev Yordan**, *EaaS: Exploitation as a Service*, BSc in Computer Science, University of Southampton.

2016 **Li Na**, *A Privacy-Preserving Digital Identity Management System for IoT*, MSc in Cyber Security, University of Southampton.

2016 **Liu Jing**, *Preventing Exposed Information in Social Networks*, MSc in Cyber Security, University of Southampton.

2016 **Gao Yupeng**, *Design and Enforce Risk and Attribute Based Access Control Policies on an IoT based System to Mitigate Authorization Risks*, MSc in Cyber Security, University of Southampton.

2016 **Cordoba Montoya Arturo**, *A Decentralized Digital Identity Management System Using Blockchain Technology*, MSc in Cyber Security, University of Southampton.

2016 **Chen Guo Wei**, *Privacy-Preserving Access Control Model for IoT*, MSc in Cyber Security, University of Southampton.

2016 **Al-zadjali Wadhha**, *Trust-Based Access Control Model for Smart Homes*, MSc in Cyber Security, University of Southampton.

2015 **Alansari Shorouq**, *An Access Control Model to Prevent Sensitive Data Inference*, MSc in Cyber Security, University of Southampton.

2015 **Ajao Oluwadamilola**, *An approach to security-aware cloud providers' selection*, MSc in Cyber Security, University of Southampton.

2015 **Khalifa Al-Bakri**, *Online Inference Detector*, MSc in Cyber Security, University of Southampton.

## Professional Services

### Administrative Duties

2017 - 2018 **Coordination of Post Graduate Researcher Training Programme**, *Department of Electronics and Computer Science*, University of Southampton.

### Conference and Workshops Organization

2014 **Publicity chair of the 21th IEEE International Conference on Web Services (ICWS)**.

2014 **Publicity chair of the 11th IEEE International Conference on Services Computing (SCC)**.

2014 **Publicity chair of the 7th IEEE International Conference on Cloud Computing (CLOUD)**.

2014 **Publicity chair of the 3rd IEEE International Congress on Big Data (BIG DATA)**.

2014 **Publicity chair of the 3rd IEEE International Conference on Mobile Services (MS)**.

2014 **Publicity chair of the 10th IEEE International Congress on Services (SERVICES)**.

### Large Scale Experiments Organization

2013 **Engineering Risks and Security Requirements (eRISE) Challenge**, *Department of Information Engineering and Computer Science*, University of Trento.

2012 **Engineering Risks and Security Requirements (eRISE) Challenge**, *Department of Information Engineering and Computer Science*, University of Trento.

## Program Committee Membership

| | |
|---|---|
| 2024 | **IFIP WG 11.3 Conference on Data and Applications Security and Privacy**. |
| 2024 | **International Workshop on Mining Software Repositories Applications for Privacy and Security**. |
| 2023 | **IFIP WG 11.3 Conference on Data and Applications Security and Privacy**. |
| Since 2020 | **International Conference on Information Systems Security and Privacy (ICISSP)**. |
| Since 2020 | **IEEE International Conference on Big Data**. |
| Since 2014 | **1st Evolving Security and Privacy Requirements Engineering Workshop (ESPRE)**, *Co-located with 22nd IEEE International Requirements Engineering Conference (RE)*. |
| 2019 | **International Conference on Blockchain (ICBC)**, *Co-located with 2019 International Conference on Web Services (ICWS 2019),2019 International Conference on Cloud Computing (CLOUD 2019), and 2019 International Conference on Services Computing (SCC 2019)*. |
| 2018 | **International Conference on Blockchain (ICBC)**, *Co-located with 2018 International Conference on Web Services (ICWS 2018),2018 International Conference on Cloud Computing (CLOUD 2018), and 2018 International Conference on Services Computing (SCC 2018)*. |
| 2016 | **Workshop on Cybersecurity Risk and Trust Management across Supply Chains(CYBERSUP)**, *Co-located with International Conference on Computer safety, reliability, and security (SAFECOMP)*. |
| 2016 | **Dependable and Secure Services Emerging Technology (DSS 2016) Track**, *IEEE 12th World Congress on Services (SERVICES 2016)*. |
| 2014 | **21th IEEE International Conference on Web Services (ICWS)**. |
| 2014 | **11th International Workshop on Security In Information Systems (WOSIS)**, *Co-located with 16th International Conference on Enterprise Information Systems (ICEIS)*. |
| 2014 | **4th International Workshop on Information Systems Security Engineering (WISSE)**, *Co-located with 26th International Conference on Advanced Information Systems Engineering (CAISE)*. |
| 2014 | **6th International Symposium on Cyberspace Safety and Security (CSS)**. |
| 2014 | **4th International Symposium on Security in Collaboration Technologies and Systems (SECOTS)**, *Co-located with International Conference on Collaboration Technologies and Systems (CTS)*. |
| 2014 | **6th ESSOS Doctoral Symposium (ESSOS-DS)**, *Co-located with the 6th International Symposium on Engineering Secure Software and Systems (ESSOS)*. |
| 2014 | **12th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS)**. |
| 2014 | **1st International Workshop on Reliability and Security Aspects for Critical Infrastructure Protection (ReSA4CI)**, *Co-located with 33rd International Conference on Computer Safety, Reliability and Security (ARES)*. |
| 2013 | **10th International Workshop on Security In Information Systems (WOSIS)**, *Co-located with 15th International Conference on Enterprise Information Systems (ICEIS)*. |

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| 2013 | **3th International Workshop on Information Systems Security Engineering (WISSE)**, *Co-located with 25th International Conference on Advanced Information Systems Engineering (CAISE).* |
| 2013 | **IADIS International Conference Collaborative Technologies (CT)**. |
| 2013 | **4th International Workshop on Security and Privacy in Cloud Computing**. |
| 2012 | **9th International Workshop on Security In Information Systems (WOSIS)**, *Co-located with 14th International Conference on Enterprise Information Systems (ICEIS).* |
| 2012 | **IADIS International Conference Collaborative Technologies (CT)**. |
| 2011 | **20th International World Wide Web Conference (WWW)**, *Abuse, Security and Privacy Track.* |
| 2010 | **7th International Conference on Pervasive Services (ICPS)**. |
| 2010 | **6th ACM Workshop on Digital Identity Management (DIM)**, *Co-located with 17th ACM Conference on Computer and Communications Security (CCS).* |
| 2010 | **21th International Tyrrhenian Workshop on Digital Communications (ITWDC)**. |
| 2010 | **6th International Workshop on Ontology Content (OnToContent)**. |
| 2009 | **18th International World Wide Web Conference(WWW)**, *Poster Session.* |
| 2008 | **10th Asia Pacific Web Conference**. |
| Since 2008 | **4th IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom)**. |
| Since 2008 | **4th IEEE International Workshop on Trusted Collaboration (TrustCol)**, *Co-located with 4th IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom).* |

## Journal Papers Review

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|---|---|
| Since 2023 | **Associate Editor of Frontiers in Big Data. Section: Cyber Security and Privacy**. |
| Since 2020 | **Associate Editor of Frontiers in Computer Science. Section: Computer and Network Security**. |
| Since 2018 | **Review Editor of Frontiers in Big Data. Section: Cybersecurity and Privacy** . |
| Since 2020 | **Computers & Security**. |
| Since 2018 | **Journal of Networks and Computer Applications**. |
| Since 2018 | **Distributed and Parallel Databases**. |
| Since 2016 | **Information Systems Frontiers**. |
| Since 2014 | **IEEE Transactions on Information Forensics & Security**. |
| Since 2013 | **Journal of Biomedical Informatics**. |
| Since 2013 | **ACM Transactions on Internet Technology**. |
| Since 2013 | **Journal of Systems and Software**. |
| Since 2013 | **International Journal of Cooperative Information Systems**. |
| Since 2013 | **ACM Transaction on the Web**. |
| Since 2013 | **IEEE Security and Privacy**. |
| Since 2011 | **IEEE Transactions on Services Computing**. |
| Since 2010 | **IEEE Transaction on Knowledge and Data Engineering**. |

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| Since 2009 | **IEEE Transactions on Dependable and Secure Computing**. |
| Since 2008 | **ACM Transactions on Information and System Security**. |
| Since 2008 | **IEEE Internet Computing**. |
| Since 2008 | **Computer Standards and Interfaces**. |
| Since 2008 | **Journal of Computer Security**. |
| Since 2007 | **International Journal of Information Security**. |

## Scientific Talks

### Invited Talks/Seminars

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|---|---|
| February 2021 | **Riskio: A Serious Game for Cyber Security Awareness and Education.**, *Host: prof. Nicola Dragoni*, Technical University of Denmark (DTU). |
| March 2018 | **Privacy Issues in the Age of GDPR**, *Host: prof. Franco Fummi*, University of Verona. |
| March 2015 | **How do you know that a security risk assessment method work? An empirical approach**, *Host: Dr. Pawel Sobocinski*, University of Southampton. |
| December 2014 | **How do you know that a security risk assessment method work? An empirical approach**, *Host: Prof. Sjouke Mauw*, University of Luxemburg. |
| March 2014 | **Service Computing Meets Privacy**, *Host: prof. Roberto Giacobazzi*, University of Verona. |
| September 2012 | **How do you know that a security requirements method actually work?**, *ITT Trust and Security Seminar (TSS)*, Host: Prof. Elsa L. Gunter, University of Illinois. |
| July 2011 | **ACConv, An access control model for conversational Web services**, *Host: Prof. Alexander Pretschner*, Karlsruhe Institute for Technology. |
| June 2011 | **ACConv, An access control model for conversational Web services**, *Host: Prof. Roberto Baldoni*, Universita' la Sapienza Rome. |
| October 2010 | **Privacy-aware access control in social networks**, *Host: Prof. Ruth Brue*, Institute of Computer Science, University of Innsbruck. |
| April 2010 | **Distributed Usage Control**, *Dagstuhl Seminar*. |
| June 2009 | **An Integrated Digital Identity and Access Management Solution for Business Processes**, *Host: Prof. Johann Gamper*, Free University of Bozen. |
| January 2009 | **An Integrated Digital Identity and Access Management Solution for Business Processes**, *Host: Marco Pistore*, Fondazione Bruno Kessler. |
| October 2008 | **Access Control and Resiliency for WS-BPEL Business Processes**, *CERIAS Security Seminar, Purdue University*. |
| June 2008 | **Access Control in Service Oriented Architectures**, *Host: Dr. Arun K. Iyengar*, IBM T.J Watson. |
| April 2008 | **Access Control in Service Oriented Architectures**, *Host: Prof. Doug M. Blough*, Georgia Tech. |
| February 2006 | **Access Control for Conversation-Based Web Services**, *Host: Prof. Bhavani Thuraisingham*, UT Dallas. |

### Conference Talks Given

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| August 2023 | . |
| September 2020 | **IFTTT Privacy Checker**, *3rd International Workshop on Emerging Technologies for Authorization and Authentication (ETAA 2020)*. |

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| August 2020 | **A Real World Study on Employees' Susceptibility to Phishing Attacks**, *15th International Conference on Availability, Reliability and Security (ARES 2020)*. |
| June 2015 | **Preventing Information Inference in Access Control**, *20th Symposium on Access Control Model and Technologies (SACMAT)*. |
| October 2013 | **An Experimental Comparison of Two Risk-Based Security Methods**, *7th International Symposium on Empirical Software Engineering and Measurement (ESEM)*. |
| September 2013 | **Detecting Insider Threats: A Trust-Aware Framework**, *8th International Conference on Availability, Reliability and Security (ARES)*. |
| June 2013 | **PERSONA: A Personalized Data Protection Framework**, *7th IFIP WG 11.11 International Conference on Trust Management (IFIPTM)*. |
| September 2012 | **Assessing a Requirements Evolution Approach: A Family of Empirical Studies in the Air Traffic Management Domain**, *2nd International Workshop on Empirical Requirements Engineering (EMPIRE)*. |
| April 2012 | **Managing Evolution by Orchestrating Requirements and Testing Engineering Processes**, *3rd International Workshop on Security Testing (SecTest)*. |
| September 2011 | **Computer-Aided Threat Identification**, *8th IEEE Conference on Commerce and Enterprise Computing (CEC)*. |
| January 2010 | **Modeling Evolution of Security Requirements**, *Security and Trust Workshop*. |
| December 2008 | **Access Control and User Failure Resiliency for WS-BPEL Business Processes**, *6th International Conference on Service Computing (ICSOC)*. |
| October 2008 | **Minimal credential disclosure in Trust Negotiations**, *15th ACM Workshop on Digital Identity Management (DIM)*. |
| October 2008 | **VeryIDX – A Digital Identity Management System for Pervasive System**, *6th IFIP Workshop on Software Technologies for Future and Embedded Ubiquitous Systems (SEUS)*. |
| July 2008 | **Verification of Access Control Requirements in Web Services Choreography**, *5th IEEE International Conference on Services Computing (SCC)*. |
| September 2006 | **Access Control and Authorization Constraints for WS-BPEL**, *13th IEEE International Conference on Web Services (ICWS)*. |
| February 2005 | **A Secure Publishing protocol for virtual community contracts**, *2nd IADIS International Conference Web Based Communities*. |