

Federica Paci

Curriculum Vitae

PERSONAL INFORMATION

Place of Birth Milan, Italy
Nationality Italian
Marital Status Married

EDUCATION

14 Feb 2008 **P.h.D. in Information Technology**, *DICO*, University of Milan, Italy.
Thesis title *Access Control in Service Oriented Architectures*

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*

QUALIFICATIONS

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.**

PROFESSIONAL APPOINTMENTS

Dec 2018 **Associate Professor**, *Department of Informatics*, University of Verona, Verona, Italy.
Present

Feb 2015 **Lecturer in Cyber Security**, *Department of Electronics and Computer Science*, University of Southampton, Southampton, UK.
Dec 2018

Mar 2012 **Post Doctoral Research Fellow**, *Department of Information Engineering and Computer Science*, University of Trento, Trento, Italy.
Jan 2015
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

- Mar 2009 **Post Doctoral Research Fellow**, *Department of Information Engineering and Computer Science*, University of Trento, Trento, Italy.
 Mar 2012 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 **Post Doctoral Research Fellow**, *Department of Computer Science*, Purdue University,
 Mar 2009 West Lafayette, Indiana, USA.
 Project: The Design and Use of Digital Identities, NSF and I3P. Main responsibilities: research on privacy-preserving digital identity management.
- Feb 2006 **Visiting Scholar**, *Department of Computer Science*, Purdue University, West Lafayette,
 Dec 2006 Indiana, USA.
 Main responsibilities: research on access control for service-oriented applications.
- Feb 2005 **Visiting Scholar**, *Department of Computer Science*, Purdue University, West Lafayette,
 May 2005 Indiana, USA.
 Main responsibilities: research on access control for service-oriented business processes.

FUNDED RESEARCH PROJECTS

- Nov 2015 **Enhancing Campus Cyber Security Through Constructivist Student Learning**, *PI*,
 Feb 2017 Higher Education Academy Development Funds Grants, Budget: 53361.89 pounds.
- Jan 2015 **Setting up a Cyber Security Education LAB at Southampton**, *PI*, GCHQ Small
 March 2015 Grants, Budget: 25.142 pounds.
- Sep 13 **Empirical Framework for Security Design and Economic Trade-Off (EMFASE)**,
 March 2016 *PI*, Eurocontrol Call for Tender, Budget: 25959.68 pounds.
- Sep 13 **Empirical Framework for Security Design and Economic Trade-Off (EMFASE)**,
 March 2016 *PI*, Eurocontrol Call for Tender, Budget: 25959.68 pounds.
- Sep 2021 **Osservazione dei processi lavorativi, con garanzie oggettive di tutela della Privacy,**
 Sep 2023 **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

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

RESEARCH INTERESTS

- Online privacy.
- Cyber risk assessment.
- Identity and Access Management.

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 Scheme.** 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_21
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

- 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.
- 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 **Robert Thorburn**, *Privacy and Compliance in IoT applications*, Co-supervised with:
2022 Prof. Vladimiro Sassone, University of Southampton.
- Dec 2017 **Stephen Hart**, *A Serious Game for Cyber Risk Management*, Co-supervised with: Prof.
May 2022 Vladimiro Sassone, University of Southampton.
University of Southampton
- Sep 2017 **Sandra Pointon**, *Privacy and Anonymity in Windows 10*, Co-supervised with: Prof.
January 2019 Vladimiro Sassone, University of Southampton.
- Dec 2015 **Shorouq Alansari**, *A Decentralized Framework for Personalized Data Protection*, Co-
July 2020 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.
- 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 vulner-
abilita' 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 **Niek Muijs**, *Context-Based Monitoring: Safeguarding Work Safety and Privacy in Industry 4.0 Factories*, MSc in Computer Science, Department of Mathematics and Computer Science, Eindhoven University.
- 2023 **Geremia Furri**, *Studio delle vulnerabilita' presenti nelle implementazioni del protocollo 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 **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**, *Uno 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 vulnerabilita' dei dipendenti aziendali agli attacchi di phishing*, MSc in Computer Science and Engineering, University of Verona.
- 2022 **Benedetta Amore**, *Uno studio sulla suscettibilita' 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 caratteristiche 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 (ESPREE)**, *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)*.
- 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

- 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.**
- 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

- 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

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