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Education

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| 2018 | Habilitation à Diriger des Recherches (HDR/PD, research director degree)
Subject: Augmented Human Trust
University Hospital of Reims Champagne-Ardenne, France |
| 2005 | Ph.D. in Computer Science on Decentralized Trust Computing
Distributed Systems Group, Trinity College Dublin, Ireland |
| 1998 | Electrical Engineering Degree, specializing in Industrial Programming
National Institute of Applied Sciences (INSA), Lyon, France |
- *French* native language
 - *English* fluent
 - *German* notions (French BAC level)
 - *Mandarin Chinese* notions (INSA basic level)

Research Focus

Attack-Resistant Computational Trust and Risk based on Interdisciplinary Research Models

Teaching Experience

UNIVERSITY OF GENEVA, SWITZERLAND

- Since 2018, Director of the Certificate of Advanced Studies (CAS, 12 ECTS) in Decentralized Application Development with Blockchain and Coordinator/Teacher in several other CAS (IT governance, Web Expertise...)
- Since 2005, Senior Lecturer and Research Manager, Bachelor, and Master courses on software design, programming, decentralized systems, computer security, data retrieval and analysis, online reputation and digital trust management

HAUTE ECOLE DU PAYSAGE, D'INGENIERIE ET D'ARCHITECTURE, HES-SO GENEVA, SWITZERLAND

- Since 2019, Senior Lecturer of digital trust courses (online reputation, identity management, blockchain...)

TEL AVIV UNIVERSITY

- 2023, Senior Lecturer as part of the blockchain course for the Master students of the Coller School of Management

HES-SO VALAIS, SWITZERLAND

- From 2014 to 2020, Senior Lecturer as part of the EMBA Tourism Innovation, Online Reputation Audit, and Blockchain courses

UNIVERSITÉ DE FRIBOURG, SWITZERLAND

- From 2016 to 2019, Business Online Reputation course Senior Lecturer as part of the Business Communication Master

UNIVERSITY OF NEUCHÂTEL, SWITZERLAND

- Spring Semester 2017, Introduction to Information Systems course Senior Lecturer

UNIVERSITY OF SAVOY, FRANCE

- 2013, Online Reputation Audit course Lecturer as part of the IAE Savoie Mont-Blanc Tourism Management Master
- From 2005 to 2008, Master course organiser and Lecturer: Peer-to-peer Systems Programming, Computer Security

DUBLIN INSTITUTE OF TECHNOLOGY, IRELAND

- From 2000 to 2005, part-time Lecturer, Bachelor course: Computer Engineering, Computer Security

PhD Director Experience

UNIVERSITY OF GENEVA, SWITZERLAND

- Director of Dr. Suzana Maranhão's PhD thesis "Decentralized finance inclusion thanks to Biometrics KYC and AML" (obtained in June 2026)
- Director of Dr. Emin Huseynov's PhD thesis "Augmented Human Context-Aware Multi-Factor Authentication" (obtained in May 2020)
- Director of Dr. Carlos Ballester Lafuente's PhD thesis "A Fully Decentralized Trust Management and Cooperation Incentives Framework for Wireless User-Centric Networks" (obtained in April 2015)
- Director of Dr. Tewfiq El Maliki's PhD thesis "Security Adaptation in Highly Dynamic Wireless Networks", (obtained in June 2014)
- Director of Dr. Xavier Titi's PhD thesis "QoS/QoE-based Wi-Fi Networks Trust and Reputation" (obtained in March 2014)

PhD / Habilitation / Professor Jury Experience

UNIVERSITY OF GENEVA, SWITZERLAND

- Jury member of Dr. Suzana Maranhão's PhD thesis, 2026
- Commission member for the Professor position on urban planning and ecological transition, 2025
 - Jury member of Dr. Emin Huseynov's PhD thesis, 2020
- Jury member of Dr. Carlos Ballester Lafuente's PhD thesis, 2015
 - Jury member of Dr. Tewfiq El Maliki's PhD thesis, 2014
 - Jury member of Dr. Xavier Titi's PhD thesis, 2014
 - Jury member of Dr. Michel Deriaz's PhD thesis, 2008

SLOVAK UNIVERSITY OF TECHNOLOGY, SLOVAKIA

- Jury member of Dr. Kristián Košťhál's Habilitation thesis, 2025

UNIVERSITY OF BEIRUT, LEBANON

- Jury member of Dr. Ayman Tajeddine's PhD thesis, 2015

TECHNICAL UNIVERSITY OF BERLIN, GERMANY

- Jury member of Dr. Rayner Bye's PhD thesis, 2013

UNIVERSITY OF TWENTE, THE NETHERLANDS

- Jury member of Dr. Ricardo Neisse's PhD thesis, 2012

SUPELEC, FRANCE

- Jury member of Dr. Asmaa Adnane's PhD thesis, 2008

Bachelor and Master Thesis Supervision

Since I have joined the University of Geneva in 2005, I have supervised numerous Bachelor works and Master theses, for example:

- Master Communication et Cultures Numériques, Nathalie Simon, « Horlogerie de luxe - Suisse & e-réputation : quelle stratégie de contenus Instagram adopter pour répondre aux attentes de la génération Y ? », 2021
- Bachelor in Information Systems, Alis Al-Talli, « Optimisation de l'e-réputation des chercheurs scientifiques », 2017
- Bachelor in Information Systems, Denis Tétaz, « Sentiment Parser », 2012

R&D Experience

ACADEMIC MEMBER, INTERNATIONAL TELECOMMUNICATION UNION (ITU), SWITZERLAND

- Since 2014, participation in the standardization efforts of the ITU in security, trust, and privacy for smart cities, Internet of Things (IoT), converging networks, distributed ledgers, and blockchains, especially as stablecoins, DeFi and NFT workstream leader of the Digital Currency Global Initiative

FOUNDER, REPUTATION SAS, FRANCE

- Since 2015, online reputation management consulting, blockchain and distributed platforms research, software development of decentralized applications and smart contracts, e.g., Qualified Electronic Signatures for trustworthy NFTs or patented hardened crypto wallets for offline Bitcoin, Ethereum, CBDC, and other cryptocurrencies

CHIEF REPUTATION OFFICER, OPTIM INVEST SA, GENEVA, SWITZERLAND

- From 2016 to 2018, in charge of the online reputation strategy and management of the GLOBCOIN multi-currency Platinum Mastercard product and tokenized basket of fiat currencies

MONETHA, TRUST AND ONLINE REPUTATION RESEARCH OFFICER, SWITZERLAND

- From 2016 to 2017, lead of the Monetha team regarding online reputation and trust management research during its Initial Coin Offering (ICO) that raised around 36,6 million dollars in Ether

VISITING RESEARCHER, SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN, SINGAPORE

- From 2014 to 2016, periodic visits at the Augmented Human Lab for research collaboration on trustworthy human-computer interaction between smart cities and augmented humans, including the organization of the Augmented Human International Conference in Singapore

SENIOR LECTURER AND RESEARCH MANAGER, UNIVERSITY OF GENEVA, SWITZERLAND

- From 2012 to 2015, as part of the EU-funded FP7 MUSES project, research on computational trust and risk management for secure corporate data access by mobile workers with BYOD
- From 2011 to 2013, as part of the EU-funded FP7 TEFIS Smart Ski Resort project, research on smart city technologies in the mountains, collaborative trustworthy human-centered Wi-Fi sharing
- From 2010 to 2013, as part of the EU-funded FP7 ULOOP project, research on computational trust and risk engines for human-centric wireless networks in the Future Internet
- From 2008 to 2011, as part of the EU-funded FP7 PERIMETER project, research on computational trust and reputation models to facilitate seamless user-centric mobility in the Future Internet
- From 2005 to 2007, as part of the EU-funded FP6 EDOS project on engineering computational trust and risk engines to estimate the trustworthiness of open source software

MEGÈVE TOURISM BOARD, CITY HALL AND SKI LIFTS COMPANY, FRANCE

- From 2008 to 2014, smart ski resort, i.e., smart city in the mountains, R&D as Vice-Mayor (around 22 million Euros investment annual budget and 33 million Euros functioning yearly budget), Vice-President of the Tourism Board (3 million Euros annual budget) and Board Member of the Ski Lifts Company (around 20 million Euros of yearly revenues) of Megève city

THALES, FRANCE

- 2010, Member of the Scientific Board of Thales, a world leader in mission-critical information systems for defense and security, aerospace and transportation, which operates in 50 countries and has around 68,000 employees

VENYO, BELGIUM/SWITZERLAND/USA

- From 2007 to 2009, Chief Research Officer of this startup, which provided online reputation services

TRINITY COLLEGE DUBLIN, IRELAND

- From 04/2005 to 09/2005, as part of the EU-funded FP6 DBE project, Research Fellow on decentralized identity management for digital business ecosystems
- From 2002 to 2005, as part of the EU-funded FP5 FET SECURE project, Ph.D. student on computational trust, identity, and privacy management
- From 2000 to 2002, as part of the EU-funded FP5 PEARL project, research assistant on Web remote control of practical experiments for e-learning

HEWLETT-PACKARD, FRANCE AND CHINA

- From 1999 to 2000, Software R&D Engineer at the HP PC factory in Grenoble, France
- 1997, IT Production Engineer internship at the HP medical devices factory in Qingdao, China

7^{EME} BATAILLON DE CHASSEURS ALPINS, FRENCH ARMY, FRANCE

- From 1998 to 1999, IT Specialist, Military Service, Special Mountain Forces

R&D Fund-Raising Experience

- Selected as blockchain standardization expert by the Blockstand EU-funded project and received a funding of 4000 Euros for editing the Signed NFT standard as part of the UN ITU DCGI
- Trust and online reputation chief research officer of the Monetha ICO that raised around 36,6 million dollars in Ether on the 31st of August 2017 in around 18 minutes
- Principal Investigator at the University of Geneva of the FP7 MUSES project that won 4 760 330 Euros funding for this project in 2012 from the European Commission
- Coordinator of the Smart Ski Resort experiment of the FP7 TEFIS project that won 150 000 Euros funding for this experiment in 2011 from the European Commission
- Principal Investigator at the University of Geneva of the FP7 ULOOP project that won 4 080 000 Euros funding for this project in 2010 from the European Commission
- Principal Investigator at the University of Geneva of the FP7 PERIMETER project that won 3 750 000 Euros funding for this project in 2007 from the European Commission
- Principal Scientific Investigator of the Venyo online reputation project that won 2 100 000 Euros funding from the Belgium Walloon region in 2007
- Principal Investigator at the University of Geneva of the GATE project that won 783 645 Euros funding in 2006 from the European Commission as part of the EU Security Research call

Media Appearance and Invited Scientific Keynotes

- Interviewed by Swiss Telejournal TV on WhatsApp security features in July 2026
- Invited to present Digital Art Certificates (DAC) in a side event conference at Art Basel in June 2026
- Invited to present offline stablecoins at the EPFL BAS conference in Marc 2026
- Interviewed by the Swiss RTS TV on Meta ads trust in November 2025
- Invited to participate in the Crypto Valley Association panel on stablecoins in Geneva in November 2025
- Invited to participate in the United Nations Development Program panel on decentralized platforms for diaspora aid at the Aidex exhibition in Geneva in October 2025
- Invited to give a lecture on blockchain and cryptocurrencies for Uni3 in January 2025
- Invited to give a lecture on trustworthy NFT for Fraunhofer Portugal in June 2024
- Invited to be the moderator of the panel on AI governance of the Global AI Association conference in Geneva in May 2024
- Mentioned in Bilan Swiss newspaper regarding the Bitcoin halving event in April 2024
- Invited to lecture blockchain and Web3 at the University of Connecticut in February 2024
- Invited to present blockchain and programmatic stablecoins at the University of Corse in October 2023
- Invited to talk about blockchain as a key building block of the metaverse at the UN ITU metaverse conference in Shanghai in July 2023
- Invited as the keynote speaker of the Swiss Educa yearly conference in Bern in June 2023
- Invited to talk about blockchain as part of the Geneva Graduate Institute (IHEID) TechSec Webinars in May 2023

- Interviewed by TechToday News about the role of international Geneva regarding the metaverse in April 2023
- Invited to talk about Decentralized Autonomous Organization (DAO) at the DAO Day International Conference in Tallinn, Estonia in March 2023
- Invited to talk about blockchain sustainability at the GSEM International Finance Student Association conference in March 2023
- Invited to talk about cryptocurrencies and NFTs risks at the Geneva Event Crypto in March 2023
- Invited to talk about offline Central Bank Digital Currencies (CBDC) as part of the French think tank LabChain in February 2023
- Invited to talk about innovative solutions for decentralized finance inclusion at the Token World International Conference in September 2022
- Invited to talk about blockchain at the Swiss IT Forum(s) in Palexpo Geneva in September 2022
- Interviewed by Lemman Bleu Swiss TV channel about blockchain in September 2022
- Invited to talk about stablecoins and Central Bank Digital Currencies (CBDC) at the International EmTech Investment Forum during the WEF in Davos in May 2022
- Invited to talk at the future of banking & fintech in the metaverse conference organized by the Swiss Finance and Technology Association in March 2022
- Interviewed by the Swiss RTS national TV about metaverse and digital ownership in February 2022
- Invited to moderate the stablecoins session at the UN ITU Digital Currency Global Initiative Conference on CBDC and stablecoins in January 2022
- Interviewed by Le Temps on metaverse technology and investment by the Swiss newspaper Le Temps in January 2022
- Invited to present decentralized finance (DeFi) to the Geneva Cercle des Dirigeants d'Entreprises in January 2022
- Moderated the panel on stablecoins challenges and opportunities at the 2022 UN ITU Digital Currency Global Initiative international conference
- Interviewed by the Swiss national TV RTS on cryptocurrencies anti-money laundering in September 2021
- Presented KYC certificates standardization and innovative hardware wallets for offline CBDC and cryptocurrencies transactions at the IUT online conference in May 2021
- Interviewed by Le Temps Swiss newspaper on sustainable cryptocurrencies in May 2021
- Presented blockchain and cryptocurrencies at the international online event organized by the Permanent Missions of Israel, Slovenia, and Switzerland to the United Nations in Geneva in March 2021
- Presented stablecoins at the ITU Global Digital Currency Initiative in October 2020
- Invited to talk at the launch of the Crypto Valley Association event in Lausanne at the EPFL in December 2019
- Interviewed by La Tribune de Genève Swiss newspaper on the blockchain course in November 2019
- Interviewed by Radio Vatican about Facebook Libra micro and macro-economics in October 2019
- Interviewed by Le Monde French national newspaper on the Swiss crypto nation in July 2019
- Interviewed by the Radio Lac Swiss radio about Facebook Libra crypto-currency worldwide launch, "L'invité de la Matinale", in June 2019
- Interviewed by the Le Temps Swiss newspaper about Facebook Libra crypto-currency worldwide launch in June 2019
- Interviewed by the Swiss radio and TV RTS about blockchain and crypto-currencies definitions, "Le vocabulaire autour de la blockchain", in May 2019

- Invited to talk about blockchain and decentralized trust systems at the World Intellectual Property Organization conference in Geneva in April 2019
- Invited to talk at the panel on blockchain and education at the Geneva blockchain annual congress at Palexpo in January 2019
- Invited to talk at the panel on blockchain and education at the Blockchain Leadership Summit in Basel in November 2018
- Invited to talk at the panel on blockchain at the alumni meeting of the eMBA of the Geneva School of Business at the Country Club Geneva in November 2018
- Invited to talk at the panel on blockchain at the alumni meeting of the Institute for Studies on Finance and Banking at the Olympics Games Centre in Lausanne in November 2018
- Interviewed by the Swiss business newspaper Bilan regarding the new certificate of advanced studies (CAS) on blockchain & DLT that I have launched at the University of Geneva in October 2018
- Interviewed by the Swiss newspaper Le Temps regarding the new certificate of advanced studies (CAS) on blockchain & DLT that I have launched at the University of Geneva in October 2018
- Interviewed by the Swiss business newspaper AGEFI regarding the new certificate of advanced studies (CAS) on blockchain & DLT that I have launched at the University of Geneva in October 2018
- Invited to teach blockchain and distributed ledger technologies (DLT) to Asian delegates of the Ministry of Digital Economy of Thailand and International Telecommunication Union (ITU) in Bangkok in September 2018
- Invited to present an overview of big data and Internet of Things at the Techn'O Sommet conference in Chambéry, France, in September 2018
- Invited to present a vision of smart tourism for Geneva at the Geneva Assises du Tourisme organized by the Canton of Geneva in May 2018
- Invited to participate in the panel on ICOs and Tokens Regulation in Switzerland and the EU at the Geneva Blockchain & Bitcoin conference in February 2018
- Invited to make a public presentation on “Digital Transformation Management” at the University of Neuchâtel in February 2018
- Interviewed by the AGEFI Business Newspaper (Quotidien de l'agence économique et financière à Genève) on the future of the Swiss e-commerce in December 2017
- Interviewed by GastroJournal on online reviews in October 2017
- Interviewed by Le Temps Swiss national newspaper on smart cities rankings in May 2017
- Presented the Smart Ski Resort Ranking at the First Facility Management and Services Conference in Geneva in 2017
- Invited as one of the 3 selected European experts of ReVolution 2017, which is the international competition that rewards the most innovative Virtual Reality demo projects every year during the exhibition place in Laval Virtual with more than 6.000 professionals and 10.000 general public visitors from over 40 different countries.
- Invited to participate to a program of the Swiss national radio RTS “La Première” called Journal du Matin InterCités on business e-reputation in 2017
- Speaker at the Bright Internet and Global Trust Building Workshop in December 2016
- Speaker at Smart City Expo World Congress Barcelona in October 2016
- Presented an overview of computational trust and online reputation management at the ITU Workshop on Trust in June 2016
- Presented the 6 most important steps for business e-reputation at the eCom Conference in Geneva in April 2016
- Interviewed by Le Temps Swiss national newspaper on the status of augmented human technologies in 2016

- Invited to participate in a program of the Swiss national radio RTS “La Première” on the future of digital advertising in 2016
- Invited by the CLUSIS (Association suisse de la sécurité de l'information) to give a presentation on computational trust engines and authentication in Lausanne, Switzerland, in 2015
- Interviewed by the Radio Télévision Suisse for a program on Web hoaxes on Téléjournal and TV5 Monde in February 2014
- The first and third ACM Augmented Human international conferences that I created and organized generated more than 200 press articles throughout the world, a French France 3 national TV interview, French Europe 1 and UK BBC national radio interviews in 2010 and 2012
- Interviewed by Le Temps on online reputation services in 2007 and 2008
- Interviewed by TSR on online reputation management in 2008
- Keynote presenter at the C&ESAR conference on the relationship between trust and computer security, organized by the French armament office « Délégation Générale de l'Armement (DGA) », Rennes, France, 2008
- Invited to give a keynote presentation at the UK Information Sharing Network of Excellence in Windsor Castle, United Kingdom, 2006

Scientific Expert Experience

- Invited as the blockchain expert for the city of Lancy project in 2025
- Interviewed by TA Swiss about the new digital Swiss franc in their “Neue Digitale Franken” report published in 2025
- Invited to review project proposals submitted to the EURIZON Fellowship programme for Ukrainian researchers in April 2024
- Invited as an expert for the IRGC workshop on Governing Opportunities and Risks of Digital Currencies in October 2022
- Expert reviewer for the 20 million Euro blockchain project call of the European Commission in March 2020
- Invited to assess the work of the European Institute of Innovation and Technology as the Innovation Management expert in February 2018
- Member of the European Science Foundation College of Expert Reviewers in 2017
- Academic Member of the ITU Working Groups on Trust, Digital Currency including Digital Fiat Currency and Distributed Ledger Technology since 2014
- Expert for the European Network and Information Security Agency (ENISA) in 2013
- Appointed by the European Commission as one of the evaluators of the H2020 Foundations of Emerging Technologies (FET) proposals in 2014
- Expert for the Netherlands Organization for Scientific Research (NWO) in 2014
- Expert for the Australian Research Council in 2013
- Expert for the Portuguese Foundation for Science and Technology in 2013
- Reviewer for Swiss National Science Foundation projects proposals in 2013
- Appointed by the European Commission as one of the evaluators of the FP7 Objective ICT-2013.1.5 Trustworthy ICT projects proposals in 2013
- Reviewer for European Research Council research proposals in 2012
- Appointed by the European Commission as one of the evaluators of the FP7 Objective ICT-2011.8.1: Technology-enhanced Learning projects proposals in 2012
- Reviewer for USA Air Force Office of Scientific Research projects proposals in 2009

- Appointed by the European Commission as one of the three reviewers of the FP6 PEPERS project on mobile peer-to-peer security in 2007 and 2008 and of the FP7 EELA-2 project on E-science grid facility for Europe and Latin America in 2009
- Appointed by the European Commission as one of the evaluators of the FP7 INFRA-2007-1.2.3: e-Science Grid infrastructures projects proposals in 2007
- Invited to be an International Expert Reviewer for the proposals submitted to the ANR French security research calls in 2006, 2007 and 2008
- Contributed to reports of the European Network and Information Security Agency (ENISA) in 2007

Research Events Chair and Organisation

- I have created and co-chaired the yearly Digital Art, NFT & Metaverse EXPO in Megève since 2021
- I have created and co-chaired the ACM SAC track on Decentralized Application and Platforms (DAPP) with blockchain, DLT, and cryptocurrencies since 2018
- I have created and co-organized several times the ACM Augmented Human international conferences, with now more than 6000 mailing list subscribers since 2010
- I created and chaired the yearly Decentralized Finance (DeFi) For Good International Conference with now more than 600 industrial and academic members from 2021 to 2023
- I was the IEEE International Conference on Communications (ICC) social networking chair in 2015, reaching 3333 submitted papers, which was the record number in the ICC conference history. Total number of registrations was more than 2900, including more than 1979 paid registrations: 70% more than ICC2014. Income from paid registrations was more than 1,53 million US\$
- I created and co-chaired the trust track of the ACM Symposium on Applied Computing (SAC) from 2005 to 2017
- I organized the workshop on the value of security through collaboration at the IEEE SECURECOMM conferences from 2005 to 2008
- I was the Vice-Chair of the IEEE Autonomic and Trusted Computing Conference in 2008
- I was the Co-Chair of the IEEE Symposium on Security in Networks and Distributed Systems in 2007
- I created the computational trust technology transfer group with more than 280 industrial and academic members in 2004

Collaborations with the Industry and Research Mandates

- I have provided technical consulting and presentations as part of research mandates or industrial collaborations to Philips Remote Control Systems, Nokia Research, openBC/Xing, Philips Research, 6nergies, Ecademy, Ericsson Systems Expertise, SAP Research, Accenture Labs, Amazon, Avaya, Siemens Research, Cotecna, Thales, Venyo, Chamonix Tourisme, Megève Tourisme, Savoie Mont-Blanc Tourisme, Telefonica, FON, Huawei, Alcatel, Verisign, L'Atelier 55, Swissquote, Bank of Canada, Dumas art gallery, Arab Bank Switzerland...

Scientific Program Committees Member, Reviewer and Editor

- I proposed to Springer to create the Augmented Human Research Journal in 2016 and have been the (co-)Chief Editor since its creation
- I have been a member of the program committee of many scientific events such as: the ACM Augmented Human international conference; the IFIP Trust Management international conference; the IEEE INFOCOM posters and demonstrations sessions; the ACM SAC e-commerce and trust/reputation tracks; the IEEE international conference on High-Performance Computing and

Communications; the IEEE ICC international conference; the IEEE WCNC international conference; the IEEE international conference on Autonomic and Trusted Computing...

- I have reviewed papers for many scientific journals such as: ACM Transactions on Autonomous Adaptive Systems, Elsevier Journal of Decision Support Systems, Wiley Computational Intelligence International Journal, Elsevier Journal of Science of Computer Programming, Elsevier Journal of Systems and Software, Elsevier Journal of Pervasive and Mobile Computing, ACM Transactions on the Web, IEEE Internet Computing, IEEE Policy, Wiley Software Practice and Experience Journal, IET Information Security, IEEE Transactions on Dependable and Secure Computing...

Awards

- I was selected and funded as one of the blockchain standardization expert of the Blockstand European project in 2024
- I have received ACM Certificates of Appreciation in 2005, 2006 and 2023
- I received a letter of appreciation by the UN ITU for my expert contributions to the UN ITU Digital Currency Global Initiative in 2022 and 2023
- I was awarded of the Decentralized Finance (DeFi) for Green Recovery competition in 2021
- I was one of the University of Geneva Laureates in 2017
- I received a Certificate of Appreciation by the University of the Philippines Cebu in 2016
- I received a Google Excellent Research in Academia Award in 2016
- I received the 3rd Best Voted Poster Award during the European Commission Future Internet Assembly in Stockholm in 2010
- I was Laureate of the French National Trophées de la Communication in 2007 and 2009
- I received an IEEE Presenter Certificate in 2005
- My Ph.D. work was selected to represent the best Trinity College Dublin postgraduate software at the Irish Software Association awards in 2004
- I was one of the selected speakers of the eEU EUROPRIX Scholars Conference in 2004
- My first author paper "Privacy Recovery with Disposable Email Addresses" was selected as the best article for the special press release of the IEEE Privacy&Security issue on "Understanding Privacy" in 2003

Filed Patents

1. "System for transfer, exchange, loan and borrowing of digital tokens with secure personalized conditions", J.-M. Seigneur, 2021.
2. "Secure system for offline transactions of cryptocurrencies (Bitcoin, Ethereum, CBDC...) between terminals", J.-M. Seigneur, 2018.
3. "System to connect wireless devices for Internet sharing", J.-M. Seigneur and C. Lafuente, 2014.

Citation Indices according to Google Scholar

- Number of citations worldwide: 2763
- h-index: 22

List of Publications

1. "A Methodology and Tool to Study How AI Discourse Influences Society", J.-M. Seigneur, *Information Journal*, (abstract accepted, work in progress).
2. "A Study on the Impact of Digital Media on Swiss Opinions Regarding the Death Penalty", P. Amey, S. Salerno and J.-M. Seigneur, (abstract accepted, work in progress).
3. "DeFi and NFT Overview", J.-M. Seigneur, Digital Currency Global Initiative, Technical Report, UN ITU, 2026.
4. "Dynamic Decentralized Social Trust for Financial Inclusion with Regulatory Compliance", S. Moreno Maranhão, A. Aldini, J.-M. Seigneur, and P.-A. Bisgambiglia, *Proceedings of the 22nd International Conference on Privacy, Security, and Trust*, IEEE, 2025.
5. "State of the Art of Decentralized Finance from Financial Inclusion to Anti-Money Laundering", S. Moreno and J.-M. Seigneur, in *Tratado de Derecho de la Sociedad Digital, Madrid: Reus*, 2025.
6. "Enabling Compliant and Inclusive Financial Services using a Rule-Language", S. Moreno Maranhão, A. Aldini and J.-M. Seigneur, *International Journal of Applied Cryptography*, 2024.
7. "Augmenting human experience and performance through interaction technologies", G. Barresi, H. Ayaz, J.-M. Seigneur, G. Di Pino and M. Bertolaso, *Frontiers*, 2024.
8. "A Rule-Language Tailored for Financial Inclusion and KYC/AML Compliance", A. Aldini, S. Moreno Maranhão and J.-M. Seigneur, *Proceedings of the 20th International Conference on Privacy, Security, and Trust*, IEEE, 2023.
9. "NFT Trust Survey", J.-M. Seigneur and S. Moreno Maranhão, *Proceedings of the 38th Symposium on Applied Computing*, ACM, 2023.
10. "KYC and AML verification for DeFi purposes in Cryptoassets", S. Moreno and J.-M. Seigneur, book chapter, *DeFi Regulation and DLT: Proceedings of the II Token World Conference*, Editorial Reus, doi: 10.30462/9788429027044, pp. 170-180, Spain, 2023.
11. "Enabling KYC and AML verification in DeFi services", S. Moreno Maranhão and J.-M. Seigneur, Education Group Conference, Crypto Valley Association, 2022.
12. "Using Decentralized Social Trust as an Alternative Way to Prove Someone's Address", S. Moreno Maranhão and J.-M. Seigneur, *Proceedings of the 13th International Conference on Software Engineering and Service Science*, IEEE, 2022.
13. "Towards a decentralized social trust solution to proof-of-address", S. Moreno Maranhão and J.-M. Seigneur, *Proceedings of the 37th Symposium on Applied Computing*, ACM, 2022.
14. "How should metaverse augment humans with disabilities?", J.-M. Seigneur and M.-A. Choukou, *Proceedings of the 13th Augmented Human International Conference*, ACM, 2022.
15. "Recognition System for Behavior & Activities of Daily Living Among Patients with Dementia Using Smart Algorithms and Assistive Technology", A. Qadeer, J.-M. Seigneur, M.-A. Choukou, *Proceedings of the 13th Augmented Human International Conference*, ACM, 2022.
16. "Governing Opportunities and Risks of Digital Currencies", Chatham House Rules including J.-M. Seigneur, International Risk and Governance Center, 2022.
17. "Proceedings of the 13th Augmented Human International Conference", J.-M. Seigneur, F. Atashzar, A. Choukou and Hai-Ning Liang, ICPS, ACM, 2022.
18. "Stablecoins DC Architecture Analysis v1.0", T. Boltshauser and J.-M. Seigneur, Digital Currency Global Initiative, Technical Report, UN ITU, 2021.
19. "Central Bank Digital Currencies and a Euro for the Future", Giaglis, G., Dionysopoulos, L., Charalambous, M., Kostopoulos, N., Vlachos, I., Damvakeraki, T., Noszek, Z., Sovershennyi, A.,

- Chykhradze, K., Papoutsoglou, I., Votis, K., Anania, A., Bonetti, A., Le Hors, A., de Moura, E., Copic, E., Skultetyova, I., Ramaswamy, J., Seigneur, J.-M., Ellul, J., Fantacci, L., Niforos, M., Hammond, M., Ruiz, M.M., Dini, P., Stornetta, W.S., Loesch, S., Moreno, S.M., Slapnik, T., Thematic Report, European Union Blockchain Observatory & Forum, European Commission, 2021.
20. "Proceedings of the 12th Augmented Human International Conference", F. Boyer, J.-M. Seigneur, A. Choukou, R. Tair, ICPS, ACM, 2021.
 21. "The Role of Technology in Senior Co-Caregiving Support: A Scoping Review of Senior Care Mobile Applications", N. Kaboha, J. Bani Hani, J.-M. Seigneur, M.-A. Choukou, *Proceedings of the 12th Augmented Human International Conference*, ACM, 2021.
 22. "Biomechanics of Trail Running Performance: Quantification of Spatio-Temporal Parameters by Using Low Cost Sensors in Ecological Conditions", N. Perrotin, N. Gardan, A. Lesprillier, C. Le Goff, J.-M. Seigneur, E. Abdi, B. Sanudo and R. Tair, *Applied Sciences Journal*, 11(5), 2021.
 23. "Body chain: using blockchain to reach augmented body health state consensus", J.-M. Seigneur and R. Tair, *Proceedings of the 11th Augmented Human International Conference*, ACM, 2020.
 24. "Blockchain Real Estate Relational Value Survey", J.-M. Seigneur, S. Pusterla and X. Socquet-Clerc, *Proceedings of the 35th Symposium on Applied Computing*, ACM, 2020.
 25. "Proceedings of the 11th Augmented Human International Conference", M.-A. Choukou, R. Tair, P. Irani and J.-M. Seigneur, ICPS, ACM, 2020.
 26. "A Survey of KYC/AML for Cryptocurrencies Transactions," S. Moreno Maranhão, J.-M. Seigneur and G. Gotzev, book chapter of "Handbook of Research on Cyber Crime and Information Privacy", IGI Global, 2020.
 27. "Towards a standard to assess blockchain and other DLT platforms", S. Maranhão, J.-M. Seigneur and R. Hu, Technical Report, University of Geneva, 2019.
 28. "Proceedings of the 10th Augmented Human International Conference", K. Wolf, H. Zhang, R. Tair, and J.-M. Seigneur, ICPS, ACM, 2019.
 29. "Augmented Human Research" Journal, Co-Editors in Chief: M. Inami, J.-M. Seigneur and P. Mistry, Springer, from 2016 to 2019.
 30. "Hardware TOTP tokens with time synchronization", E. Huseynov and J.-M. Seigneur, *Proceedings of the 13th International Conference Application of Information and Communication Technologies*, IEEE, 2019.
 31. "Physical presence verification using TOTP and QR codes", E. Huseynov and J.-M. Seigneur, *Proceedings of the 34th International Conference on ICT Systems Security and Privacy Protection*, IFIP, 2019.
 32. "A Survey on Trust in Augmented Human Technologies", J.-M. Seigneur, T. Ahram and R. Tair, *Proceedings of the 1st International Conference on Human Systems Engineering and Design: Future Trends and Applications*, 2018.
 33. "Proceedings of the 9th Augmented Human International Conference", J.-M. Seigneur, G. J. Kim, W. Woo and J. Eune, ICPS, ACM, 2018.
 34. "Section Focused on Superhuman Technology", M. Inami, H. Kajimoto, K. Kunze, S. Nanayakkara, J.-M. Seigneur and M. Shinohara, *Advanced Robotics*, 2017.
 35. "Numerical Investigation of the Early Flight Phase in Ski-Jumping", N. Gardan, A. Schneider, G. Polidori, H. Trenchard, J.-M. Seigneur, F. Beaumont and F. Fourchet, *Journal of Biomechanics*, Elsevier, 2017.
 36. "e-Reputation and Online Reputation Management Survey", J.-M. Seigneur, book chapter of "Computer and Information Security Handbook", Third Edition, Morgan Kaufman, Elsevier, ISBN: 978-0-12-803843-7, 2017.

37. "Context-Aware Multi-Factor Authentication", E. Huseynov and J.-M. Seigneur, book chapter of "Computer and Information Security Handbook", Third Edition, Morgan Kaufman, Elsevier, ISBN: 978-0-12-803843-7, 2017.
38. "On the road to privacy and data protection-friendly security technologies in the workplace. A case-study of the MUSES Trust and Risk Analysis Engine", Y. S. M. Van Der Syde, J. Guislain, J.-M. Seigneur and X. Titi, book chapter of "Data Protection and Privacy: (In)visibilities and Infrastructures", ISBN-13: 978-3319507958, Law, Governance and Technology Series, Book 36, Springer, 2017.
39. "Wi-Trust : Computational Trust and Reputation Management for Stronger Hotspot 2.0 Security", J.-M. Seigneur, *Journal of ICT Standardization*, Vol. 4, Issue 3, River Publishers, 2017.
40. "Design and Validation of a Trust-based Opportunity-enabled Risk Management System", A. Aldini, J.-M. Seigneur, X. Titi, J. Guislain, C. Ballester Lafuente, *Information & Computer Security*, Vol. 25 Iss: 1, Emerald Group Publishing, 2017.
41. "Proceedings of the 8th Augmented Human International Conference", J.-M. Seigneur and S. Nanayakkara, ICPS, ACM, 2017.
42. "Use case of linking a managed basket of fiat currencies to crypto-tokens", J.-M. Seigneur, H. d'Hautefort and G. Balocchi, *First Meeting of the ITU Focus Group on Digital Currency including Digital Fiat Currency*, Beijing, China, ITU, 2017.
43. "Enhancing RADIUS based multifactor-factor authentication systems with RESTful API for self-service enrolment", E. Huseynov and J.-M. Seigneur, *Proceedings of the 11th IEEE International Conference on Application of Information and Communication Technologies*, IEEE, 2017.
44. "Beacon Authpath, Augmented Human Path Authentication", E. Huseynov and J.-M. Seigneur, *Proceedings of the 10th International Conference on Application of Information and Communication Technologies*, IEEE, 2016.
45. "Efficient Security Adaptation Framework for IoT Networks", T. El Maliki and J.-M. Seigneur, *Proceedings of the International Conference on Computational Science and Computational Intelligence*, IEEE, 2016.
46. "MUSES RT2AE V P/DP: On the Road to Privacy-Friendly Security Technologies in the Workplace", Y. S. M. Van Der Syde, J. Guislain, J.-M. Seigneur and X. Titi, *Proceedings of the 9th Computer, Privacy & Data Protection International Conference*, 2016.
47. "Electrosmog Visualization through Augmented Blurry Vision", K. Fan, J.-M. Seigneur, S. Nanayakkara and M. Inami, *Proceedings of the 7th Augmented Human International Conference*, ACM, 2016.
48. "Augmented Winter Ski with AR HMD", K. Fan, J.-M. Seigneur, J. Guislain, S. Nanayakkara and M. Inami, *Proceedings of the 7th Augmented Human International Conference*, ACM, 2016.
49. "Proceedings of the 7th Augmented Human International Conference", J.-M. Seigneur, J. M. Hernandez-Munoz, P. McCullagh, A. Schmidt, T. Terada, W. Woo and P. Mistry, ISBN: 978-1-4503-3680-2, ACM, 2016.
50. "Increasing Online Spendings thanks to More Trustworthy Online Ratings", J.-M. Seigneur, The Bright Internet and Global Trust Building, ICIS Conference, AIS, 2016.
51. "Extending Trust Management with Cooperation Incentives: A Fully Decentralized Framework for User-Centric Network Environments", C. Ballester Lafuente and J.-M. Seigneur, *Journal of Trust Management*, Springer, 2015.
52. "Wi-Trust: Improving Wi-Fi Hotspots Trustworthiness with Computational Trust Management", J.-M. Seigneur, Kaleidoscope International Conference, ITU/IEEE, 2015.

53. "WifiOTP: Pervasive Two-Factor Authentication Using Wi-Fi SSID Broadcasts", E. Huseynov and J.-M. Seigneur, Kaleidoscope International Conference, ITU, 2015.
54. "OPPRIM: Opportunity-Enabled Risk Management for Trust and Risk-Aware Asset Access Decision-Making", J.-M. Seigneur, C. Ballester Lafuente, X. Titi and J. Guislain, Technical Report, University of Geneva, 2015.
55. "Formal Modeling and Verification of Opportunity-enabled Risk Management", A. Aldini, J.-M. Seigneur, C. Ballester Lafuente, X. Titi and J. Guislain, *Proceedings of Trustcom International Symposium on Recent Advances of Trust, Security and Privacy in Computing and Communications*, IEEE, 2015.
56. "Swiss Innovation Online Reputation Case Study", J.-M. Seigneur, *Proceedings of i-Society the International Conference on Information Society*, IEEE, 2014.
57. "Les MOOCs, la bataille de l'e-réputation contre les formations universitaires ?", J.-M. Seigneur and C. Jeannette, *Proceedings of the Colloque "Le Numérique pour enseigner autrement"*, Fondation Paris-Dauphine, 2014.
58. "Extending Trust Management with Cooperation Incentives: Achieving Collaborative Wi-Fi Sharing Using Trust Transfer to Stimulate Cooperative Behaviours", C. Ballester Lafuente and J.-M. Seigneur, *Proceedings of the 8th IFIP WG 11.11 International Conference on Trust Management*, Singapore, IFIP, 2014.
59. "On the Trade-off among Trust, Privacy, and Cost in Incentive-Based Networks", A. Aldini, A. Bogliolo, C. Ballester Lafuente and J.-M. Seigneur, *Proceedings of the 8th IFIP WG 11.11 International Conference on Trust Management*, Singapore, IFIP, 2014.
60. "Case study: Legal Requirements for the Use of Social Login Features for Online Reputation Updates", Y. S. M. Van Der Sype and J.-M. Seigneur, *Proceedings of the 29th International Symposium of Applied Computing*, Gyeongju, South Korea, ACM, 2014.
61. "Collaborative Wireless Access to Mitigate Roaming Costs", C. Ballester Lafuente, J.-M. Seigneur, and T. Lyon, *Proceedings of the 10th International Conference on Networking and Services*, IARIA, 2014.
62. "Identity and User Management", T. El Maliki and J.-M. Seigneur, book chapter of "Managing Information Systems", Second Edition, ISBN-13: 978-0124166882, Syngress, Elsevier, 2014.
63. "TEFIS: A Single Access Point for Conducting Multifaceted Experiments on Heterogeneous Test Facilities", M. Yannuzzi, A. Sällström, B. Pickering, R. Serral-Gracià, M. S. Siddiqui, W. Chen; S. Taylor, F. Benbadis, J. Leguay, E. Borrelli, I. Ormaetxea, K. Campowski, G. Giammatteo, G. Aristomenopoulos, S. Papavassiliou, K. Kuczynski, S. Zielinski, J.-M. Seigneur, C. Ballester Lafuente, J. Johansson, X. Masip-Bruin, M. Caria, J. Ribeiro Junior, E. Salageanu and J. Latanicki, *Computer Networks special issue on Future Internet Testbeds, the International Journal of Computer and Telecommunications Networking*, Elsevier, 2013.
64. "Online Identity and User Management", T. El Maliki and J.-M. Seigneur, book chapter of "Managing Information Systems", Second Edition, ISBN-13: 978-0124166882, Syngress, Elsevier, 2013.
65. "Online e-Reputation Management Services", J.-M. Seigneur, book chapter of "Computer and Information Security Handbook", Second Edition, ISBN-13: 978-0123943972, Morgan Kauffman, Elsevier, 2013.
66. "Online Identity and User Management Services", T. El Maliki and J.-M. Seigneur, book chapter of "Computer and Information Security Handbook", Second Edition, ISBN-13: 978-0123943972, Morgan Kauffman, Elsevier, 2013.
67. "Special Issue on Advanced Information Security for Secure and Trust Computing", T. Shon, J. H. Park, C. Lambrinoudakis, J.-M. Seigneur, *Computers & Mathematics with Applications*, 65(9): 1233, Journal, Elsevier, 2013.

68. "Secure User-Friendly Wi-Fi Access Point Joining", J.-M. Seigneur, C. Ballester Lafuente and A. Matos, *Proceedings of the International Wireless Communications and Networking Conference*, Shanghai, China, IEEE, 2013.
69. "Dispositional Trust Self-Adaptation in User-Centric Environments", C. Ballester Lafuente and J.-M. Seigneur, *Proceedings of the International Conference on Advanced Information Networking and Applications*, IEEE, 2013.
70. "Security Adaptation Based on Autonomic and Trust Systems for Ubiquitous Mobile Network and Green IT", T. El Maliki and J.-M. Seigneur, *Proceedings of the Seventh International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies*, Porto, Portugal, IARIA, 2013.
71. "Achieving Collaborative Wi-Fi Sharing without Changing Current Technologies", C. Ballester Lafuente and J.-M. Seigneur, *Proceedings of Trust-ID Symposium co-located with International TrustCom Conference*, Melbourne, Australia, IEEE, 2013.
72. "A Survey of Trust and Risk Metrics for a BYOD Mobile Worker World", J.-M. Seigneur, P. Kölnsdorfer, M. Busch and C. Hochleitner, *Proceedings of the Third International Conference on Social Eco-Informatics*, Lisbon, Portugal, IARIA, 2013.
73. "A User-centric Approach to Trust Management in Wi-Fi Networks", C. Ballester Lafuente, J.-M. Seigneur, P. Di Francesco, V. Moreno, R. Sofia, W. Moreira, A. Bogliolo and N. Martins, *Proceedings of the 32nd International Conference on Computer Communications*, INFOCOM, IEEE, 2013.
74. "Investigations to Deploy e-Services for Cocoa Fair-trade Farmers in Africa", H. Imaze Ehi and J.-M. Seigneur, *Proceedings of the Third International Conference on Social Eco-Informatics*, Lisbon, Portugal, IARIA, 2013.
75. "Virtual Currency and Reputation-Based Cooperation Incentives in User-Centric Networks", A. Bogliolo, P. Polidori, A. Aldini, W. Moreira, P. Mendes, M. Yildiz, C. Ballester Lafuente and J.-M. Seigneur, *Proceedings of International Wireless Communications and Mobile Computing Conference*, IEEE, 2012.
76. "Trust and Cooperation Incentives for Wireless User-Centric Environments", C. Ballester Lafuente, J.-M. Seigneur, W. Moreira, P. Mendes, L. Maknavicius, A. Bogliolo and P. di Francesco, *Proceedings of e-Society International Conference*, Berlin, Germany, IADIS, 2012.
77. "Crowd Augmented Wireless Access", C. Ballester Lafuente and J.-M. Seigneur, *Proceedings of the Third Augmented Human International Conference*, Megève, France, ACM, 2012.
78. "Proceedings of the 3rd Augmented Human International Conference", J.-M. Seigneur, H. Koenitz and G. Moreau, ISBN: 978-1-4503-1077-2, ACM, 2012.
79. "A Security Adaptation Reference Monitor (SARM) for Wireless Sensor Network", T. El Maliki and J.-M. Seigneur, *Communications and Networking*, ISRN, 2012.
80. "Trust Management in ULOOP", C. Ballester Lafuente, J.-M. Seigneur, R. Sofia, C. Silva, W. Moreira and A. Bogliolo, ULOOP FP7 project white paper 07, 2012.
81. "Crediting Aspects in ULOOP", A. Bogliolo, S. Delpriori, L. Klopfenstein, A. Aldini, J.-M. Seigneur and W. Moreira, ULOOP FP7 project white paper 09, 2012.
82. "Trust Management for Selecting Trustworthy Access Points", X. Titi, J.-M. Seigneur and C. Ballester Lafuente, *International Journal of Computer Science Issues*, Volume 8, Issue 2, 2011.
83. "Trust-Based Hotspot Selection", X. Titi, T. El Maliki and J.-M. Seigneur, *International Journal on Computer Science and Information Systems*, Volume 2, ISSN 1646-3692, IADIS, 2011.
84. "Trust and Reputation for Successful Software Self-organisation", J.-M. Seigneur and P. Dondio, book chapter of "Self-Organising Software", *Natural Computing Series*, DOI: 10.1007/978-3-642-17348-6_8, Springer, 2011.

85. "Adaptive Trust Management", J.-M. Seigneur, G. Lenzini and B. Hulsebosch, book chapter of "Self-Organising Software", *Natural Computing Series*, DOI: 10.1007/978-3-642-17348-6_8, Springer, 2011.
86. "Trust and Reputation Management for Detecting Untrustworthy Access Points", X. Titi, C. Ballester Lafuente and J.-M. Seigneur, *Proceedings of International Conference on Reputation*, Montpellier, France, 2011.
87. "Flexible Communication - A Secure and Trust-Based Free Wi-Fi Password Sharing Service", C. Ballester Lafuente, X. Titi and J.-M. Seigneur, *Proceedings of Trustcom - UbiSafe Symposium*, Changsha, China, IEEE, 2011.
88. "The Emotional Economy for the Augmented Human", J.-M. Seigneur, *Proceedings of the 2nd Augmented Human International Conference*, ACM, 2011.
89. "Boosting Trustworthy Hotspot QoE Rating with Implicit Hotspot QoS Evidence", X. Titi, J.-M. Seigneur and C. Ballester Lafuente, *Proceedings of e-Society*, IADIS, 2011.
90. "Verifying Hotspot Quality User Rating with Certified QoS Evidence", X. Titi and J.-M. Seigneur, *Proceedings of the Fourth International Conference on Emerging Security Information, Systems and Technologies SECURWARE*, Italy, IEEE, 2010.
91. "Towards mobile/wearable device electrosmog reduction through careful network selection", J.-M. Seigneur, X. Titi and T. El Maliki, *Proceedings of the 1st Augmented Human International Conference*, ACM, 2010.
92. "A Security Adaptation Reference Monitor (SARM) for Highly Dynamic Wireless Environments", T. El Maliki and J.-M. Seigneur, *Proceedings of the Fourth International Conference on Emerging Security Information, Systems and Technologies SECURWARE*, Italy, IEEE, 2010.
93. "Trust-based Hotspot Selection", X. Titi, T. El Maliki and J.-M. Seigneur, *Proceedings of the e-Society International Conference*, Portugal, IADIS, 2010.
94. "Reputation System for Access Point Selection", X. Titi, B. Yavuz, L. Ridet, J.-M. Seigneur, *Proceedings of the International Conference on New Media and Interactivity*, Istanbul, 2010.
95. "Secure and Trust Computing, Data Management, and Applications", C. Lee, J.-M. Seigneur, J. J. Park and R. R. Wagner, *Communications in Computer and Information Science*, Vol. 187, Springer, 2011.
96. "Proceedings of the 1st Augmented Human International Conference", H. Saito, J.-M. Seigneur, G. Moreau and P. Mistry, ISBN 978-1-60558-825-4, ACM, 2010.
97. "Reputation Management", J.-M. Seigneur, book chapter of "Computer and Information Security Handbook", ISBN-13: 978-0-12-374354-1, Morgan Kauffman, Elsevier, 2009.
98. "Identity Management", T. El Maliki and J.-M. Seigneur, book chapter of "Computer and Information Security Handbook", ISBN-13: 978-0-12-374354-1, Morgan Kauffman, Elsevier, 2009.
99. "Collaborative Computer Security and Trust Management", J.-M. Seigneur and A. Slagell, ISBN13: 9781605664149, IGI Global, 2009.
100. "Mobile Quality of Service", D. Konstantas and J.-M. Seigneur, ISBN: 978-2-88903-004-0, University of Geneva, 2009.
101. "Local ePolitics Reputation Case Study", J.-M. Seigneur, *Proceedings of the 7th International Conference on e-Society*, IADIS, 2009.
102. "Reputation-based Telecommunication Network Selection", J.-M. Seigneur and X. Titi, *Proceedings of the 7th International Conference on e-Society*, IADIS, 2009.
103. "User-Driven Reputation of Mobile Network Providers", J.-M. Seigneur, X. Titi and L. Ridet, ERCIM eMobility Working Group, 2009.

104. "Boosting Trustworthy Hotspots Rating with Implicit Hotspot QoS Evidence", X. Titi and J.-M. Seigneur, Future Internet Assembly, Stockholm, 2009.
105. "Optimal Security Adaptation in Proximity-Based Wireless Networks", T. El Maliki and J.-M. Seigneur, ASG Technical Report, University of Geneva, 2009.
106. "User-Driven Trust Computation in Wireless Network and Telecommunication Providers", J.-M. Seigneur, X. Titi, L. Ridet and B. Yavuz, Wireless World Research Forum (WWRF), 2009.
107. "Mobile Location Based Services for Trusted Information in Disaster Management", L. Ragia, M. Deriaz and J.-M. Seigneur, *Proceedings of the 17th International Conference on Information Systems Development*, IEEE, 2008.
108. "Collaborative Location Aware Mobile Services", D. Konstantas and J.-M. Seigneur, ISBN: 978-2-88903-001-9, University of Geneva, 2008.
109. "Survivability of Sensors with Key and Trust Management", J.-M. Seigneur, L. Moraru and O. Powell, book chapter of "Handbook of Research on Wireless Security", ISBN 978-1-59904-899-4, IGI Global, 2008.
110. "Social Trust of Virtual Identities", J.-M. Seigneur, book chapter of "Computing with Social Trust and Reputation", ISBN 978-1-84800-355-2, Springer, 2008.
111. "AmbiTrust? Immutable and Context-Aware Trust Fusion", J.-M. Seigneur, book chapter of "Trust Management in Virtual Environment", ISBN 81-314-1254-1, Icfai University Press, 2008.
112. "User Experience and Emotion-Aware Business Network Service Selection", J.-M. Seigneur and X. Titi, ASG Technical Report, University of Geneva, 2008.
113. "Trust Engines to Preserve the Quality of an Operational Decision System", E. Grandgirard, C. Gertosio and J.-M. Seigneur, *International Journal of Factory Automation, Robotics and Soft Computing*, ISSN 1828 – 6984, 2007.
114. "User-Centric Identity, Trust and Privacy", J.-M. Seigneur and C. D. Jensen, book chapter of "Trust in E-services: Technologies, Practices and Challenges", ISBN 978-1599042077, Idea Group Publishing, 2007.
115. "Leveraging the Trusted Platform Module for More Trustworthy P2P File Sharing Peer Software", J. Abendroth and J.-M. Seigneur, *Transactions on Communications Journal*, WSEAS, 2007.
116. "Trust Engines to Optimize Semi-Automated Industrial Production Planning", E. Grandgirard, C. Gertosio and J.-M. Seigneur, *Proceedings of the fourth International Symposium on Industrial Electronics*, IEEE, 2007.
117. "A Survey of User-centric Identity Management Technologies", T. El Maliki and J.-M. Seigneur, *Proceedings of the SECURWARE International Conference*, IEEE, 2007.
118. "EasIDeploy: A Usable and Convenient Identity Management Platform with Strong Authentication, PKI and Biometry", T. El Maliki, Y. Durukan and J.-M. Seigneur, *Proceedings of the 2nd Conference on Advances in Computer Security and Forensics*, IET, 2007.
119. "Trustworthily Forwarding Sensor Networks Information to the Internet", O. Powell, J.-M. Seigneur and L. Moraru, *Proceedings of the SECURWARE International Conference*, IEEE, 2007.
120. "Trustworthiness of Collaborative Open Source Software Quality Assessment", J.-M. Seigneur, *Proceedings of the International SECURECOMM Conference*, SECOVAL workshop, IEEE, 2007.
121. "Nanotechnologies Yield Privacy Fear", J.-M. Seigneur, Poster, EuroNanoForum, 2007.
122. "Security for Free/Open Source Software Powered by Peer-to-Peer", ASG Technical Report, University of Geneva, 2006.

123. "Computational Trust: the Substance to Reduce Upperware Collaboration Frictions", *Proceedings of the Upperware Workshop at the EU IST conference in Helsinki*, 2006.
124. "Towards Trustworthy Spatial Messaging", M. Deriaz and J.-M. Seigneur, *Proceedings of the Second International Workshop on Security and Trust Management*, ERCIM, ENTCS, 2006.
125. "Security Evaluation of Free/Open Source Software Powered by a Peer-to-Peer Ecosystem," J.-M. Seigneur, *Workshop on Evaluation Frameworks for Open Source Software of the Second International Conference on Open Source Systems*, 2006.
126. "Deploying the Trusted Platform Module (TPM) to Increase Fairness and Trust in P2P File Sharing Servents", J. Abendroth and J.-M. Seigneur, *Proceedings of the 5th International Conference on Information Security and Privacy*, WSEAS, 2006.
127. "Trust and Security in Spatial Messaging: FoxyTag, the Speed Camera Case Study", M. Deriaz and J.-M. Seigneur, *Proceedings of the 3rd International Conference on Privacy, Security and Trust*, ACM, 2006.
128. "Extracting Trust from Domain Analysis: a Case Study on Wikipedia Project", P. Dondio, S. Barrett, S. Weber and J.-M. Seigneur, *Proceedings of the 3rd International Conference on Autonomic and Trusted Computing*, IEEE, 2006.
129. "Trust Evolution Policies for Security in Collaborative Ad Hoc Applications", E. Gray, C. D. Jensen, P. O'Connell, S. Weber, J.-M. Seigneur and Y. Chen, *Electr. Notes Theor. Comput. Sci.*, 157(3): 95-111, 2006.
130. "Decentralized Identity for the Digital Business Ecosystem", J.-M. Seigneur, *ERCIM News*, No. 63, 2005.
131. "Fostering Sustainability via Trust Engines", J.-M. Seigneur, *Technology and Society*, vol. 24(1), IEEE, 2005.
132. "Trust, Security and Privacy in Global Computing", J.-M. Seigneur, Trinity College Dublin, 2005.
133. "Computational Trust to Further Reduce the Complexity of the Higher Education Common Space", J.-M. Seigneur, P. Dondio, S. Weber and S. Barrett, *Proceedings of the International Conference on Engineering and Computer Education*, IEEE, 2005.
134. "Trust Transfer: Encouraging Self-Recommendations without Sybil Attack", J.-M. Seigneur, A. Gray and C. D. Jensen, *Proceedings of the International Conference on Trust Management*, LNCS, Springer-Verlag, 2005.
135. "Towards An Evaluation Methodology for Computational Trust Systems", C. Bryce, J.-M. Seigneur, N. Dimmock, W. Wagealla, K. Krukow and V. Cahill, *Proceedings of the International Conference on Trust Management*, LNCS, Springer-Verlag, 2005.
136. "A Case Study Implementation of a Trust Engine", C. Bryce, P. Couderc, J.-M. Seigneur, and V. Cahill, *Proceedings of the International Conference on Trust Management*, LNCS, Springer-Verlag, 2005.
137. "Demonstration of Security through Collaboration in the Digital Business Ecosystem", J.-M. Seigneur, *Proceedings of the IEEE Workshop on the Value of Security through Collaboration*, 2005.
138. "The REL Project: Mobile-based Reliable Relations", J.-M. Seigneur, P. G. Argyroudis, D. O'Callaghan, and J. Abendroth, *Proceedings of the 1st Workshop on Friend of a Friend, Social Networking and the Semantic Web*, W3C, 2004.
139. "Towards Trustworthy Eco Computing", J.-M. Seigneur, *Proceedings of the Sustainable Pervasive Computing Workshop of the Second International Conference on Pervasive Computing*, 2004.

140. "The Role of Identity in Pervasive Computational Trust", J.-M. Seigneur and C. D. Jensen, *Proceedings of the Security and Privacy in Pervasive Computing Workshop of the Second International Conference on Pervasive Computing*, Kluwer, 2004.
141. "Combating Spam with TEA (Trustworthy Email Addresses)", J.-M. Seigneur, N. Dimmock, C. Bryce and C. D. Jensen, *Proceedings of the 2nd Conference on Privacy, Security and Trust*, Canada, 2004.
142. "Default Free Introduction, Rare Self-Introduction Fee, Costly Spoofing: No Profitable Spam", J.-M. Seigneur and A. Gray, *EUROPRIX Scholars Conference*, Tampere, Finland, 2004.
143. "Trading Privacy for Trust", J.-M. Seigneur and C. D. Jensen, *Proceedings of iTrust'04 the Second International Conference on Trust Management*, LNCS, Springer-Verlag, 2004.
144. "Interaction with Trust in Ambient Intelligence", J.-M. Seigneur, *Proceedings of UbiMob*, ACM, 2004.
145. "Ambient Intelligence through Image Retrieval", J.-M. Seigneur, D. Solis and F. Shevlin, *Proceedings of the 3rd International Conference on Image and Video Retrieval*, LNCS, Springer-Verlag, 2004.
146. "Trust Enhanced Ubiquitous Payment without Too Much Privacy Loss", J.-M. Seigneur and C. D. Jensen, *Proceedings of the 19th Symposium on Applied Computing 2004*, Nicosia, Cyprus, ACM, 2004.
147. "The Claim Tool Kit for Ad-hoc Recognition of Peer Entities", J.-M. Seigneur and C. D. Jensen, *Journal of Science of Computer Programming*, Elsevier, 2004.
148. "Security in Exotic Wireless Networks", S. Farrell, J.-M. Seigneur and C.D. Jensen, book chapter of "Security and Privacy in Advanced Networking Technologies", NATO Computer and Systems Sciences Series III, vol.193, ISBN 1 58603 430 8, ISSN, 1 387-6694, IOS Press, 2004.
149. "SECURE Framework Architecture (Beta)", J.-M. Seigneur, V. Cahill, C. D. Jensen, E. Gray, Y. Chen, Technical Report TCD-CS-2004-07, Trinity College Dublin, 2004.
150. "PR3 Email Honeypot", J.-M. Seigneur, A. Lambert, P. G. Argyroudis, and C. D. Jensen, Technical Report TCD-CS-2003-39, Trinity College Dublin, 2003.
151. "A General Risk Assessment of Security in Pervasive Computing", Y. Chen, C. D. Jensen, E. Gray, V. Cahill and J.-M. Seigneur, Technical Report TCD-CS-2003-45, Trinity College Dublin, 2003.
152. "Privacy Recovery with Disposable Email Addresses", J.-M. Seigneur, C. D. Jensen, *Security & Privacy, special issue on Understanding Privacy*, November-December, IEEE, 2003.
153. "Using Trust for Secure Collaboration in Uncertain Environments", V. Cahill, E. Gray, J.-M. Seigneur, C.D. Jensen, C. Yong, B. Shand, N. Dimmock, A. Twigg, J. Bacon, C. English, W. Wagealla, S. Terzis, P. Nixon, G. Di Marzo Serugendo, C. Bryce, M. Carbone, K. Krukow, M. Nielson, *Pervasive Computing Mobile and Ubiquitous Computing*, vol. 2(3), July-September, IEEE, 2003.
154. "Towards Security Auto-Configuration for Smart Appliances", J.-M. Seigneur, C. D. Jensen, S. Farrell, E. Gray and Y. Chen, *Proceedings of the Smart Objects Conference*, Grenoble, France, 2003.
155. "End-to-end Trust Starts with Recognition", J.-M. Seigneur, S. Farrell, C. D. Jensen, E. Gray, and Y. Chen, *Proceedings of the First International Conference on Security in Pervasive Computing*, Boppard, Germany, LNCS, Springer-Verlag, 2003.
156. "P2p with JXTA-Java Pipes", J.-M. Seigneur, G. Biegel and C. D. Jensen, *Proceedings of the 2nd International Conference on the Principles and Practice of Programming in Java*, ACM, 2003.
157. "Trust Propagation in Small Worlds", E. Gray, J.-M. Seigneur, Y. Chen, and C. D. Jensen, *Proceedings of the First International Conference on Trust Management*, LNCS, Springer-Verlag, 2003.

158. "PEARL: a Generic Architecture for Live Experiments in a Remote Laboratory", T. Schäfer, J.-M. Seigneur and A. Donnelly, *Proceedings of the SCS International Conference on Simulation and Multimedia in Engineering Education, ICSEE'03, Florida*, 2003.
159. "Risk Probability Estimating Based on Clustering", Y. Chen, C. D. Jensen, E. Gray and J.-M. Seigneur, *Proceedings of the 4th Annual IEEE Information Assurance Workshop*, 2003.
160. "Bank Accounting and Ubiquitous Brokering of Trustos", J.-M. Seigneur, J. Abendroth and C. D. Jensen, in *7th CaberNet Radicals Workshop*, Bertinoro, Italy, 2002.
161. "Secure Ubiquitous Computing Based on Entity Recognition", J.-M. Seigneur, S. Farrell and C. D. Jensen, in *UbiComp2002 Security Workshop*, Göteborg, Sweden, 2002.
162. "Towards a Framework for Assessing Trust-Based Admission Control in Collaborative Ad Hoc Applications", E. Gray, P. O'Connell, C. D. Jensen, S. Weber, J.-M. Seigneur, and Y. Chen, Technical Report TCD-CS-2002-66, Trinity College Dublin, 2002.
163. "HOUSE-KEEPER, a Vendor-independent Architecture for Easy Management of Smart Homes", J.-M. Seigneur, MSc dissertation, Computer Science Technical Report TCD-CS-2001-42, Trinity College Dublin, 2001.