



SERENA NICOLAZZO

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CURRENT POSITION

01/03/2026 – *Now* University of Pavia, Department of Electrical, Computer and Biomedical Engineering
Tenure Track Assistant Professor (RTT)

01/09/2021 – *Now* I.I. S "Curie - Sraffa" – Milan
Computer Science High School Teacher - (currently on leave)

PAST EXPERIENCES

28/05/2025 – 28/02/2026 University of Piemonte Orientale, Department of Science, Technology and Innovation (DiSIT)
Tenure Track Assistant Professor (RTT)

13/03/2023 – 27/05/2025 University of Milan, Department of Computer Science
Type-A Research Fellow (RTDA)
I collaborated as an RTDA (PNRR) on the SERICS Project (Security and Rights In the CyberSpace) within Spoke 10: Data Governance and Data Protection (DGDP)

March 2020 – Jan. 2022 Middlesex University, Faculty of Science & Technology
Visiting Researcher
I collaborated with the Research Group in Applied Software Engineering of the Department of Computer Science of Middlesex University London to further my research on Data Science and Artificial Intelligence applied to Sharing Economy with the formal research assignment: "*Evolution of the Sharing Economy: an Airbnb Analysis*"

Nov. 2020 – March 2023 Daisy Lab, Marche Polytechnic University
External Research Collaborator
I collaborated with the Daisy Lab team to further my research on Data Science, Online Communities and IoT.

July 2019 – August 2021 Sky Italy Srl
Research Engineering Senior Engineer
I collaborated with the Research & Development Group for research and innovation project proposals (H2020, POR, MISE). I was responsible for the architectural design of Sky products, services and tech platform.

October 2017 - July 2019 Sisal SPA.
Software Architect Innovative Solutions
Payment and Services Unit. I was responsible for the architectural design of the Digital Factory Innovation projects.

01/01/2017 – 30/09/2017 University Mediterranea of Reggio Calabria, DIIES Department.

Research Fellow

Project Title: Innovative Models and Techniques for Information protection and integrity in dematerialization scenarios.

EDUCATION

Fall 2013 – Winter 2017 University Mediterranea of Reggio Calabria, DIIES Department.

PhD in Computer Engineering (Funded by Miur)

Thesis Title: Organizations and communities: trust, security, and privacy issues

Oct 2011 – July 2013 University Mediterranea of Reggio Calabria,

MSc in Computer and Telecommunication Systems Engineering (110 summa cum laude/110)

Oct 2007 – May 2011 University Mediterranea of Reggio Calabria,

BSc in Telecommunication Engineering (110 summa cum laude/110)

Fall 2020 – Fall 2026 Università degli Studi di Milano Statale

(expected) BSc in Sciences of the Cultural Heritage

QUALIFICATIONS:

CISCO (I, II modules) (2011)

Licensed as a Professional Engineer (2013)

Cambridge C1 Advanced (CAE) Level (2020)

NATIONAL SCIENTIFIC QUALIFICATIONS

- 19/11/2024 - 19/11/2036, National Scientific qualification as Associate Professor in the Italian higher education system, in the call 2023/2025 (Ministerial Decree n. 1796/2023) for the disciplinary field of **01/B1 - Informatics**. (Academic Recruitment Field 01/B - Informatics, according to the national classification).
- 13/11/2025 – 13/11/2037, National Scientific qualification as Associate Professor in the Italian higher education system, in the call 2023/2025 (Ministerial Decree n. 1796/2023) for the disciplinary field of **09/H1 - Information processing systems**. (Academic Recruitment Field 09/H - Computer engineering, according to the national classification).

RESEARCH METRICS

The following are the bibliometric indicators according to Google Scholar and Scopus:

	Citations	H-Index
Scopus	626	15
Scholar	1048	19

PROJECTS

- SERICS (Security and Rights In the CyberSpace) - Spoke 10: Data Governance and Data Protection (DGDP) from March 2023 – Role: RTDA PNRR.
- “Cyber Security” - Project 2: Digital Services and e-Payment Protection and Project 3: Secure Dematerialization. A project of the Programma Operativo Nazionale (PON) Ricerca e Competitività 2007-2013 made in collaboration with Poste Italiane SpA, Postel SpA, NTT Data Italia SpA, Abramo Printing & Logistics SPA, Centro di Competenza ICT-SUD Srl, NOVA System ROMA srl, University of Calabria, ICAR-CNR. The project started on October 2013. Role: Post Doc (Assegnista di Ricerca).
- PRIN TENACE - Protecting National Critical Infrastructures from Cyber Threats. A project made in cooperation with university of: Rome La Sapienza, Parthenope of Naples, Federico II of Naples, Politecnico of Milano, Trento, Florence, Politecnico di Torino, Pisa, and ICAR-CNR. The project has been carried out from February 2013 to January 2016. Role: I collaborated as a PhD student.
- inMoto - Information MObility for Tourism. A project of the Programma Operativo Nazionale (PON) Ricerca e Competitività 2007-2013 made in collaboration with ACI Informatica, TSC Consulting, Engineering, University of Calabria, ICAR-CNR, University Magna Graecia of Catanzaro. The project has been carried out from April 2013 to December 2015. Role: I collaborated as a PhD student.
- BA2Know - Business Analytics to Know. Iniziativa del SI_Lab Calabria, made in collaboration with: Engineering, Exeura, University of Calabria, ICAR CNR, Omnia Energia, DLVSystem. The project has been carried out from September 2013 to December 2016. Role: I collaborated as a PhD student.

TEACHING EXPERIENCE

Bachelor and Master Courses:

- A.Y 2025/2026 - Taught a course entitled “Operating Systems 1” of 48 hours (6 ECTS) for second year of BsC in Computer Science, University of Eastern Piedmont.
- A.Y 2025/2026 - Taught a course entitled “Software Engineering” of 48 hours (6 ECTS) for third year of BsC in Computer Science, University of Eastern Piedmont.
- A.Y 2024/2025 - Taught a course entitled “Data, Web and Digital Content” of 40 hours (6 ECTS) for first year of BsC in Language Mediation and Intercultural Communication, University of Milan.
- A.Y 2023/2024 - Taught a course entitled “Data, Web and Digital Content” of 40 hours (6 ECTS) for first year of BsC in Language Mediation and Intercultural Communication, University of Milan.
- Instructor for CyberChallenge.IT (CINI). Delivered 5 hours of training on Open-Source Intelligence (OSINT) techniques in March 2026 for BSc and MSc students at University of Pavia.
- Responsible for a teaching assignment of a course entitled "Security and Privacy in IoT" of 12 hours for BsC and MSc students at Cochin University of Science and Technology (CUSAT), India in March 2024.
- Planned and taught a module of Algorithms & Data Structures for the second year of BSc in Information Engineering at University Mediterranea of Reggio Calabria from 2014/15 to 2016/17.
- Held a computer science course of 30 hours at ITS “PEGASUS”: “Tecnico Superiore per l'Infomobilità e le infrastrutture logistiche”. Reggio Calabria, Italy, from October 23 – January 21, 2017.
- Supported MSc and BsC students' research activities for thesis.

PhD Courses:

- Held a course entitled "Cyber threat intelligence: challenges and future directions" of 10 hours (2 ECTS) as part of the PhD Course in Computer Science, in November 2024, at the University of Milan.
- Held a course entitled "Security, Privacy and Trust in the IoT" of 8 hours as part of the PhD Course in Information Engineering, in April 2021, at the Polytechnic University of Marche.

RESEARCH COLLABORATIONS

Worked closely with research colleagues from:

- Cochin University of Science and Technology, India (Department of Computer Applications).
- University College of London, UCL (Computer Science Department).
- Middlesex University of London (Department of Computer Science).
- Polytechnic University of Marche (Department of Information Engineering, Daisy Lab).
- University of Padua (Department of Mathematics).
- National Graduate School of Engineering & Research Center of Caen (Ensicaen).
- Polytechnic University of Turin (Computer-Human Interaction Research Unit).
- University of Eastern Piedmont (Department of Science and Technological Innovation).

RESEARCH GROUPS PARTICIPATION

- SPDP - Security, Privacy and Data Protection laboratory (Computer Science Department, University of Milan). 13/03/2023 - 27/05/2025.
- Daisy Lab - (Department of Information Engineering, University Politecnica delle Marche). 01/11/2020 - 31/03/2023.
- STS Group Security, Trust and Social Networks - (Dipartimento di Ingegneria dell'Informazione, delle Infrastrutture e dell'Energia Sostenibile, University of Reggio Calabria). 01/09/2013 - 30/09/2017.
- ARC²S Group - Applied Research on Computational Complex Systems Group (Department of Science and Technological Innovation, University of Eastern Piedmont). 28/05/2025 - 28/02/2026.

SERVICE TO THE SCIENTIFIC COMMUNITY

Editorial Board Member of:

- Online Social Networks and Media (OSNEM) from 2024 – Q1.
- Journal of Electrical and Computer Engineering from 2023 – Q2.
- Computers, Materials & Continua (CMC) from 2023 to 2025– Q3.
- International Journal of Advanced Computer Science and Applications (IJACSA) – Q3.
- Journal of Intelligent Systems (JISYS) – Q3.
- International Journal of Information Technologies and Systems Approach (IJITSA) – Q4.
- Journal of Computer Science – Q4.

Member of the Technical Program Committee (TPC) of:

- Annual Computer Security Applications Conference (ACSAC 2025) – (Rank A according to Core.edu).
- HIEMI 2025 workshop, held in conjunction with DCOSS-IoT 2025.
- The First International Workshop on AI for cyber-Threat Intelligence (WAITI 2024) December 9, 2024 Waikiki, Hawaii, USA. Co-located with the Annual Computer Security Applications Conference (ACSAC 2024) – (Rank A according to Core.edu).
- The 2nd International Workshop on AI for cyber-Threat Intelligence (WAITI 2025) December 8, 2025 Waikiki, Hawaii, USA. Co-located with the Annual Computer Security Applications Conference (ACSAC 2025) – (Rank A according to Core.edu).
- The 2nd International Workshop on Hybrid Internet of Everything Models for Industry 5.0 (HIEMI 2023) co-located with the International Conference on Embedded Wireless Systems and Networks (EWSN 2023) – (Rank A- according to GII-GRIN-SCIE, Rank B according to Core.edu).
- The 2017 International Conference on Computer Science and Application Engineering (CSAE 2017).
- The 9th International Conferences on Pervasive Patterns and Applications (PATTERNS 2017).
- The 8th International Conference on Electronics, Communications and Networks (CECNet 2018).

Referee for:

- International A/A*-rank Conferences, such as: European Symposium on Research in Computer Security (ESORICS), International AAAI Conference on Web and Social Media (ICWSM), Annual Computer Security Applications Conference (ACSAC), Usenix Network and Distributed System Security Symposium (NDSS).
- International Q1 journals, such as: Information Sciences, Future Generation Computer Systems, Computer Communications, Computers & Security, Computers in Human Behaviour, Computer Standards & Interfaces, Computer Science Review, Advanced Engineering Informatics, IEEE Transactions on Information Forensics and Security, Pervasive and Mobile Computing, Online Social Networks and Media, IEEE Open Journal of the Computer Society.

ACADEMIC SERVICE

- Member of the Admission Committee for International Students for the MSc in Computer Science, University of Milan - 2024/2025.
- Member of the Commission supporting the Quality Assurance Unit in the monitoring of Course Syllabi for Department of Science and Technological Innovation, University of Eastern Piedmont - 2025/2026.
- In 2026, she served as a reviewer for the PhD thesis entitled "*Software and Hardware Architectures for Enhanced User Privacy*" by the candidate Aurelio Loris Canino, supervised by Prof. Gianluca Lax. This activity was carried out for the PhD Program in Information Engineering at the University Mediterranea of Reggio Calabria.

ORGANIZATION AND/OR PARTICIPATION IN SCIENTIFIC CONFERENCES

- **Co-chair** of the 2nd International Workshop on AI for cyber-Threat Intelligence (WAITI 2025) December 8, 2025, Waikiki, Hawaii, USA. Co-located with the Annual Computer Security Applications Conference (ACSAC 2025) – (Rank A according to Core.edu).
- **Co-chair** of the First International Workshop on AI for cyber-Threat Intelligence (WAITI 2024) December 9, 2024, Waikiki, Hawaii, USA. Co-located with the Annual Computer Security Applications Conference (ACSAC 2024) – (Rank A according to Core.edu).
- Participation in the 10th Italian Conference on CyberSecurity (ITASEC 2026), Cagliari, Italy. February 9-12, 2025.
- Participation in the 9th Italian Conference on CyberSecurity (ITASEC 2025), Bologna, Italy. February 3-8, 2025.
- Participation in the 40th Annual Computer Security Applications Conference (ACSAC 2024) December 9-13, 2024, Honolulu, Hawaii, USA. – (Rank A according to Core.edu).
- Participation in the ARES '17: International Conference on Availability, Reliability and Security, Reggio Calabria, Italy, 29 August 2017, 1 September 2017.
- Participation in the 13th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE 2014), Amantea, Italy, October 27-31, 2014.
- Participation as **Invited Speaker** at "Duties of Memory, Rights and Practices of Oblivion" Bologna October 2, 2025. Talk: "*Machine Unlearning and the Right to Be Forgotten*".

INTERNATIONAL PHD SCHOOL ATTENDED

- Infosec 2015 - International Summer School on Information Security. July 6-10, 2015. Bilbao, Spain.
- SecureCI 2016 - Winter School: Securing Critical Infrastructures. January 17-21, 2016. Cortina D'amezzo, Italy.

FUNDING AND AWARDS

- Responsible for the submission of "Imperium, Immersive MultiPlatform Media Content interaction" HORIZON 2020 ICT-44 proposal for the Sky research team. Project proposal in collaboration with: Atos Spain, Engineering, RAI SPA IT, SWISS TXT, University Polytechnical De Madrid; University of Southampton, University of Pavia, Kpeople Research Foundation. Submitted on 16th January 2020.
- Top 3 national finalist for the Golden Apple - Prize Marisa Bellisario 2014- category IT engineering graduates.
- Finalist for the SERICS Research Pitch contest the context of the Joint National Conference on Cybersecurity (ITASEC25), Bologna, Italy, February 3-5, 2025.

PUBLICATIONS

Journals

1. F. Buccafurri, G. Lax, **S. Nicolazzo**, and A. Nocera. Comparing Twitter and Fac011ebook User Behavior: Privacy and other Aspects. *Computers in Human Behavior*, Elsevier. n. 52, 2015, pp. 87-95, ISSN: 0747-5632, doi: <http://dx.doi.org/10.1016/j.chb.2015.05.045>. Q1
2. F. Buccafurri, G. Lax, **S. Nicolazzo**, and A. Nocera. A Model to Support Design and Development of Multiple-Social- Network Applications. *Information Sciences*, Elsevier. 331 (2016): 99-119 n. 331, 2016, ISSN: 0020-0255, doi: <https://10.1016/j.ins.2015.10.042> Q1
3. F. Buccafurri, G. Lax, **S. Nicolazzo**, and A. Nocera. A Privacy-Preserving Localization Service for Assisted Living Facilities. *IEEE Transactions on Services Computing (TSC)*, IEEE Computer Society Vol.9. 2017, doi: <https://10.1109/TSC.2016.2646363> Q1
4. F. Buccafurri, G. Lax, **S. Nicolazzo**, and A. Nocera. A System for Privacy-Preserving Access Accountability in Critical Environments. *IEEE Pervasive Computing*, 2019, 18.2: 58-66, doi: <https://10.1109/MPRV.2018.2884125> Q3
5. **S. Nicolazzo**, A. Nocera, D. Ursino and L. Virgili. A privacy-preserving approach to prevent feature disclosure in an IoT scenario. *Future Generation Computer Systems*, 105:502-519, 2020, doi: <https://doi.org/10.1016/j.future.2019.12.017>. Q1
6. M. Ferretti, **S. Nicolazzo** and A. Nocera. H2O: Secure interactions in IoT via Behavioral Fingerprinting. *Future Internet*. 2021, doi: <https://doi.org/10.3390/fi13050117> Q1
7. **S. Nicolazzo**, A. Nocera and D. Ursino. Anonymous Access Monitoring of Indoor Areas. *IEEE Access*, 2021, 9: 56664-56682, doi: <https://10.1109/ACCESS.2021.3071966> Q1
8. E. Corradini, **S. Nicolazzo**, A. Nocera, D. Ursino and L. Virgili. A two-tier Blockchain framework to increase protection and autonomy of smart objects in the IoT. *Computer Communications*. 2022, 181, pp. 338–356, doi: <https://doi.org/10.1016/j.comcom.2022.10.028> Q1
9. M. Arazzi, **S. Nicolazzo**, A. Nocera and M. Zippo. The Importance of the Language for the Evolution of Online Communities: An Analysis Based on Twitter and Reddit. *Expert Systems With Applications*. 2023. ISSN: 0957-4174, doi: <https://doi.org/10.1016/j.eswa.2023.119847>. Q1
10. M. Arazzi, M.Ferretti, **S. Nicolazzo** and A. Nocera. The role of social media on the evolution of companies: A Twitter analysis of Streaming Service Providers. *Online Social Networks and Media*. 2023. 36, 100251, doi: <https://doi.org/10.1016/j.osnem.2023.100251> Q1
11. M. Arazzi, D. Murer, **S. Nicolazzo** and A. Nocera. How Covid affects users' interaction with Online Streaming Providers on Twitter. *Social Network Analysis and Mining*. 2023. 13.1 (2023): 134. doi: <https://10.1007/s13278-023-01143-3> Q1
12. M. Arazzi, **S. Nicolazzo** and A. Nocera. A Fully Privacy Preserving Solution for Behavioral Fingerprinting in IoT using Federated Learning and Homomorphic Encryption. *Information Systems Frontiers* (2023): 1-24, doi: <https://10.1007/s10796-023-10443-0> Q1
13. M. Arazzi, **S. Nicolazzo** and A. Nocera. A Novel IoT Trust Model Leveraging Fully Distributed Behavioral Fingerprinting and Secure Delegation. *Pervasive and Mobile Computing* (2024): 101889, doi: <https://doi.org/10.1016/j.pmcj.2024.101889> Q1
14. Sameera K.M., **S. Nicolazzo**, M. Arazzi, A. Nocera, Rafidha Rehiman K. A., Vinod P., and M. Conti. Privacy-Preserving in Blockchain-based Federated Learning Systems. *Computer Communications* (2024). ISSN: 0140-3664, doi: <https://doi.org/10.1016/j.comcom.2024.04.024>. Q1
15. D. Arrikat, Vinod P., Rafidha Rehiman K.A., **S. Nicolazzo**, A. Nocera, G. Timpau, and M.Conti. OSTIS: a novel Organization-Specific Threat Intelligence System. *Computers & Security* (2024), doi: <https://doi.org/10.1016/j.cose.2024.103990> Q1
16. M. Arazzi, **S. Nicolazzo**, A. Nocera. A Deep Reinforcement Learning Approach for Privacy Preserving Service Acquisition in the Internet of Things. *Journal of Information Security and Applications* (2024): 103856, doi: <https://doi.org/10.1016/j.jisa.2024.103856> Q1

17. D. Arrikat, M. Cihangiroglu, M. Conti, Rafidha Rehiman K.A, **S. Nicolazzo**, A. Nocera, and P. Vinod. SeCTIS: A Framework to Secure CTI Sharing. *Future Generation Computer Systems* 164 (2025): 107562. <https://doi.org/10.1016/j.future.2024.107562> Q1
18. M. Arazzi, **S. Nicolazzo** and A. Nocera. A defense mechanism against Label Inference Attacks in Vertical Federated Learning. *NeuroComputing*. (2025): 129476 <https://doi.org/10.1016/j.neucom.2025.129476> Q1
19. M. Arazzi, D. Arrikat, **S. Nicolazzo**, A. Nocera, Rafidha Rehiman K. A., Vinod P., and M. Conti. NLP-Based Techniques for Threat Intelligence. *Computer Science Review* 58 (2025): 100765, ISSN: 1574-0137, doi: <https://doi.org/10.1016/j.cosrev.2025.100765> Q1
20. D. Arrikat, Vinod P., Rafidha Rehiman K.A., **S. Nicolazzo**, M. Arazzi, A. Nocera, and M.Conti. DroidTTP: Mapping Android Applications with TTP for Cyber Threat Intelligence. *Journal of Information Security and Applications* 93, 2025,104162, ISSN 2214-2126, doi: <https://doi.org/10.1016/j.iisa.2025.104162> Q1
21. M. Arazzi, M. Cihangiroglu, **S. Nicolazzo**, and A. Nocera. Secure Federated Dataset Distillation. *Engineering Applications of Artificial Intelligence*. Volume 160, Part B, 2025, 111911, ISSN 0952-1976. doi: <https://doi.org/10.1016/j.engappai.2025.111911>. Q1
22. Muhammed Shafi K. P., **S. Nicolazzo**, A. Nocera, Vinod P. How Secure is Forgetting? Linking Machine Unlearning to Machine Learning Attacks. *Neurocomputing*. 2025, 131971, doi:[10.1016/j.neucom.2025.131971](https://doi.org/10.1016/j.neucom.2025.131971) Q1
23. Asmitha K. A, Muhammed Shafi K. P., Rafidha Rehiman K. A, **S. Nicolazzo**, A. Nocera, Vinod P. Through the Eyes of AI: How Visualization is Shaping Malware Detection. *Computer Science Review*. (2026) Volume 61, 2026, 100914, ISSN 1574-0137, doi: <https://doi.org/10.1016/j.cosrev.2026.100914>.Q1
24. **S. Nicolazzo**, A. Nocera and P. Witold. Service Level Agreement (SLA) and Security SLA (SecSLA): A Comprehensive Survey. *Journal of Network and Systems Management*. **34**, 74 (2026). <https://doi.org/10.1007/s10922-026-10041-w> Q1
25. Saraga S., Anagha M. S., D. Arrikat, Rafidha Rehiman K. A., **S. Nicolazzo**, A. Nocera and Vinod P. Enhancing Android Malware Detection with Retrieval-Augmented Generation. *International Journal of Information Security*. **Submitted**
26. Sameera K.M., **S. Nicolazzo**, A. Nocera, Rafidha Rehiman K. A., Vinod P., and M. Conti. GShield: Mitigating Poisoning Attacks in Federated Learning. *IEEE Transaction on Cybernetics* (2026). **Submitted**
27. Sangeeth B., Vinod P., **S. Nicolazzo**, and Deepa K. Protecting Deep Neural Network Intellectual Property with Chaos-Based White-Box Watermarking. *Neural Computing and Applications* (2026). **Submitted**.
28. A. Almasoud, A. Anju, M. Arazzi, M. Cihangiroglu, V. Kumar Kembu, **S. Nicolazzo**, A. Nocera, Vinod P., and S. Sakthidharan. Security in LLM-as-a-Judge: A Comprehensive SoK. *ACM Computing Survey* (2026). **In Preparation**.
29. M. Arazzi, M. Cihangiroglu, **S. Nicolazzo**, A. Nocera, and Vinod P. An AI-Based Solution for Secure Service Provisioning in IoT. *Advanced Engineering Informatics* (2026). **In Preparation**.
30. M. Arazzi, C. Buratti, M. Marchetti, **S. Nicolazzo**, A. Nocera, F. Parlapiano, D. Ursino, L. Virgili. On the Behavior of Data Poisoning Attacks under Dataset Condensation (2026). **In Preparation**.

Conferences

31. N. Giri, Asmitha K.A., **S. Nicolazzo**, A. Nocera, and Vinod P. Metamorphic Evasion: Certifiable Robustness in Feature-Based Malware Classifiers. *In Proc. Of the 31st European Symposium on Research in Computer Security (ESORICS). September 14-18, 2026.Rome, Italy (2026)*. **Submitted**.
32. Asmitha K.A., Vinod P., Rafidha Rehiman K.A., **S. Nicolazzo**, A. Nocera. A Cross-platform Malware Classification using Domain-aware Representation Learning. *In Proc. Of the 7th International Conference on Innovative Trends in Information Technology (ICITIT'26)*. March 27-28, 2026. Kottayam, Kerala, India (2026).
33. D. R. Arrikat, Sneha B. T., **S. Nicolazzo**, A. Nocera, Vinod P., Rafidha Rehiman K. A., Karthika R. CTI Dataset Construction from Telegram. *In Proc. Of the Italian Conference on Cybersecurity (ITASEC26). February 9-13, 2026. Cagliari, Italy (2026)*.

34. D. R. Arrikat, Hasna Jabeen N. K., M. Lai, **S. Nicolazzo**, A. Nocera, Anafa P., Vinod P., and Rafidha Rehiman K. A. Network Traffic-Based Malware Detection for Android Devices. *In Proc. Of the 4th Italian Conference on Big Data and Data Science (ITADATA'25)*. 9-11 September 2025. Turin, Italy.
35. M. Arazzi, M. M. Sciarroni, **S. Nicolazzo**, A. Nocera and E. Storti, "Securing IoE Environments with Semantic Data Stream Analysis and Behavioral Fingerprinting," 2025 IEEE 30th International Conference on Emerging Technologies and Factory Automation (ETFA), Porto, Portugal, 2025, pp. 1-7, doi: 10.1109/ETFA65518.2025.11205645.
36. M. Arazzi, M. Cihangiroglu, **S. Nicolazzo** and A. Nocera, "A Privacy-Preserving and Biometric-Aware Tasks Reallocation Strategy in Industry 5.0," 2025 IEEE 30th International Conference on Emerging Technologies and Factory Automation (ETFA), Porto, Portugal, 2025, pp. 1-8, doi: 10.1109/ETFA65518.2025.11205765.
37. M. Arazzi, D. Ligari, **S. Nicolazzo** and A. Nocera, "Augmented Knowledge Graph Querying leveraging LLMs," 2025 International Joint Conference on Neural Networks (IJCNN), Rome, Italy, 2025, pp. 1-8, doi: 10.1109/IJCNN64981.2025.11229060.
38. A. Nair, **S. Nicolazzo**, A. Nocera, R. R. K. A. and V. P., "Sok: Zero Trust as a Strategy to Address Devsecops Challenges," 2025 IEEE European Symposium on Security and Privacy Workshops (EuroS&PW), Venice, Italy, 2025, pp. 546-554, doi: 10.1109/EuroSPW67616.2025.00069.
39. D. R. Arrikat, Vinod P., Rafidha Rehiman K. A., **S. Nicolazzo**, A. Nocera, and M. Conti. Relation Extraction Techniques in Cyber Threat Intelligence. *In Proc. of the the 29th International Conference on Natural Language & Information Systems (NLDB 2024)*, June 25 – 27, 2024. Doi: 10.1007/978-3-031-70239-6_24. Turin, Italy.
40. G. Quattrone, **S. Nicolazzo**, A. Nocera, D. Quercia, and L. Capra. Is the sharing economy about sharing at all? A linguistic analysis of Airbnb reviews. *In Proc. of International AAAI Conference on Web and Social Media (ICWSM 2018)*, Palo Alto, California, USA, June 25-28, 2018.
41. F. Buccafurri, G. Lax, **S. Nicolazzo**, A. Nocera, and D. Ursino. Driving Global Team Formation in Social Networks to Obtain Diversity. *In Proc. of the International Conference on Web Engineering (ICWE 2014)*, Toulouse, France, Vol. 8541, 2014, pp. 410-419, doi: 10.1007/978-3-319-08245-5_26.
42. F. Buccafurri, G. Lax, **S. Nicolazzo**, and A. Nocera. A Privacy-Preserving Solution for Tracking People in Critical Environments. *In Proc. of International Workshop on Computers, Software and Applications (COMPSAC'14)*, Vasteras, Sweden, July 21-25, 2014. pp. 146-151, doi: 10.1109/COMPSACW.2014.28.
43. F. Buccafurri, G. Lax, **S. Nicolazzo**, and A. Nocera. A Model Implementing Certified Reputation and its Application to TripAdvisor. *In Proc. of International Conference on Availability, Reliability and Security (ARES 2015)*, Toulouse, France, August 24-28, 2015, pp. 218-223, doi: 10.1109/ARES.2015.26.
44. F. Buccafurri, G. Lax, **S. Nicolazzo**, and A. Nocera. Accountability-Preserving Anonymous Delivery of Cloud Services. *In Proc. of 12th International Conference on Trust, Privacy & Security in Digital Business (TrustBus2015)*, Valencia, Spain, September 1-2, 2015. pp. 124-135, doi: 10.1007/978-3-319-22906-5_10.
45. F. Buccafurri, G. Lax, **S. Nicolazzo**, and A. Nocera. Range Query Integrity in Cloud Data Streams with Efficient Insertion. *In Proc. of the 15th International Conference on Cryptology and Network Security (CANS 2016)*. Milan, Italy. November 14-16, 2016. pp. 719-724, doi: https://dx.doi.org/10.1007/978-3-319-48965-0_50.
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