



Davide Basile

EDUCATION AND TRAINING

Ph.D. Computer Science

Sapienza University of Rome [01/11/2022 – Current]

City: Rome | Country: Italy | Website: <https://www.uniroma1.it/it/> | Level in EQF: EQF level 8

Master's Degree, Computer Science

Sapienza University of Rome [01/09/2020 – 19/10/2022]

City: Rome | Country: Italy | Website: <https://www.uniroma1.it/it/> | Level in EQF: EQF level 7

Bachelor's Degree, Computer Science

Sapienza University of Rome [01/09/2017 – 10/12/2020]

City: Rome | Country: Italy | Website: <https://www.uniroma1.it/it/> | Level in EQF: EQF level 6

LANGUAGE SKILLS

Mother tongue

Italian

Other language(s)

English

FIELDS OF INTEREST

Confidential Computing

Distributed Systems

Trusted Execution Environments

Business Process Management

Distributed Ledger Technologies

Information Systems

DIGITAL SKILLS

C language / C++ language / Go language / C# language / Python language / Java language / SQL / Javascript language / PHP language

PUBLICATIONS

[2024]

CONFINE: Preserving Data Secrecy in Decentralized Process Mining Valerio Goretti, Davide Basile, Luca Barbaro and Claudio Di Ciccio. In Doctoral Consortium and Demo Track 2024 at the International Conference on Process Mining 2024 co-located with the 6th International Conference on Process Mining, CEUR-WS.org

[2024]

Trusted Execution Environment for Decentralized Process Mining Valerio Goretti, Davide Basile, Luca Barbaro, and Claudio Di Ciccio. In Advanced Information Systems Engineering CAiSE 2024, Proceedings

[2023]

A Blockchain-driven Architecture for Usage Control in Solid Davide Basile, Claudio Di Ciccio, Valerio Goretti, and Sabrina Kirrane. In 43rd International Conference on Distributed Computing Systems Workshops (ICDCSW), pp. 19-24. IEEE, 2023.

[2023]

Blockchain based Resource Governance for Decentralized Web Environments Davide Basile, Claudio Di Ciccio, Valerio Goretti and Sabrina Kirrane. In Frontiers in Blockchain 6 (2023): 1141909.

[2023]

Digitalizing Circular Economy through Blockchains: The Blockchain Circular Economy Index Davide Basile, Idiano D'Adamo, Valerio Goretti, and Paolo Rosa. In Journal of Industrial and Production Engineering 40, no. 4 (2023): 233-245

[2021]

Enhancing Blockchain-Based Processes with Decentralized Oracles Davide Basile, Valerio Goretti, Claudio Di Ciccio, and Sabrina Kirrane. In BPM 2021 Blockchain and RPA Forum, Proceedings (pp. 102–118). Springer
Davide Basile, Valerio Goretti, Claudio Di Ciccio, and Sabrina Kirrane

CONFERENCES AND SUMMER SCHOOLS

36th International Conference on Advanced Information Systems Engineering (CAiSE 2024)

Cyprus University of Technology, Limassol, Cyprus, June 2024

5th International Conference on Process Mining (ICPM 2023) - Member of the Organizational Board

Sapienza University of Rome, Rome, Italy, October 2023

Summer School Challenges in building Billion Users Cloud Applications (BUCA)

Villa Monastero, Varenna, Italy, September 2023

43rd International Conference on Distributed Computing Systems (ICDCS 2023)

Sheraton Hotel, Hong Kong, China, July 2023

19th International Conference on Business Process Management (BPM 2021)

Sapienza University of Rome, Rome, Italy, September 2021

SEMINARS AND PRESENTATIONS

A Blockchain-driven Architecture for Usage Control in Solid

"A Blockchain-driven Architecture for Usage Control in Solid" at 43rd International Conference on Distributed Computing Systems Workshops, Hong Kong, China, July 2023

Enhancing Blockchain-Based Processes with Decentralized Oracles

"Enhancing Blockchain-Based Processes with Decentralized Oracles" at BPM 2021 Blockchain and RPA Forum, Rome, Italy, September 2021

NATIONAL AND INTERNATIONAL PROJECTS

ASGARD: Autonomous and Self-Governing Agent-Based Rule Design - Research staff member

"Progetti Grandi di Ateneo" research project "Autonomous and Self-Governing Agent-Based Rule Design" (ASGARD), grant number RG123188B3F7414A, with the Department of Computer Science of Sapienza University of Rome, Italy.

exPlainable kNowledge-aware PrOcess INTelligence (PINPOINT) - Research staff member

PRIN research project "exPlainable kNowledge-aware PrOcess INTelligence (PINPOINT)", grant number (CUP) B87G22000450001 with the Department of Computer Science of Sapienza University of Rome, Italy.

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