Enrico Bassetti

Curriculum Vitae

✉ enrico204-cv@netsplit.it
🌐 https://www.enricobassetti.it/

Education

2023   **Ph.D. in Computer Science**, *Sapienza University of Rome*
Classification: Excellent
Thesis: *Designing and Implementing a Distributed Earthquake Early Warning System for Resilient Communities*
Supervisor: Prof. Emanuele Panizzi

2019   **Master's degree in Cybersecurity**, *Sapienza University of Rome*
110 / 110 cum Laude
Thesis: *CyRCLe: A Cyber Range for Continuous Learning*
Supervisor: Prof. Angelo Spognardi

2017   **Bachelor's degree in Computer Science**, *Sapienza University of Rome*
95 / 110

Research experience

Feb 2024 – now   **Postdoc researcher**, *Delft University of Technology*

May 2023 – Jan 2024   **Postdoc researcher**, *Department of Computer Science, Sapienza University of Rome*

Nov 2019 – Jan 2023   **Ph.D. student**, *Department of Computer Science, Sapienza University of Rome*

May 2019 – Jun 2021   **Graduate student researcher**, *Department of Computer Science, Sapienza University of Rome*

Mar 2018 – Oct 2019   **Graduade student researcher**, *Digilab Research center, Sapienza University of Rome*

Nov 2017 – May 2018   **Undergraduate student researcher**, *Department of Information Engineering, Electronics and Telecommunications, Sapienza University of Rome*

Teaching experience

Feb 2024 – now   **Teaching Assistant**, *Delft University of Technology*
Course: Network Security (CS4430)

Sep 2022 – Sep 2023   **Teaching Assistant**, *Sapienza University of Rome*
Course: Web and Software Architectures (undergraduate)

May 2021   **Guest lecturer**, *Sapienza University of Rome*
Course: Practical Network Defense (graduate)

Oct 2020 – Feb 2021	**Tutor**, *Sapienza University of Rome* Course: Programming fundamentals (undergraduate)
Sep 2019 – May 2020	**Teaching Assistant**, *Sapienza University of Rome* Course: Practical Network Defense (graduate)
Sep 2018 – May 2019	**Teaching Assistant**, *Sapienza University of Rome* Course: Practical Network Defense (graduate)

Fellowships and grants

2022	**Sapienza University research grants**, *Role: Ph.D. student*
2021	**Sapienza University research grants**, *Role: Ph.D. student*
2020	**Sapienza University research grants**, *Role: Ph.D. student*
2019 – 2023	**Ph.D. fellowship**
2019	**Computer Science department scholarship**, *Role: Graduate student*
2018	**Computer Science department scholarship**, *Role: Undergraduate student*

Community services

Publicity co-chair, *ICISS 2024*

PC member, *IoT-SECFOR 2024, AVI 2022*

Reviewer, *IEEE Intelligent Systems, IEEE Transactions on Information Forensics and Security, ACM WiSec 2024, SafeThings 2024, ANT 2024 CODASPY 2024, ESORICS 2024, AAAI 2024, ITASEC 2024, ESORICS 2023, ACNS 2022, AVI 2022*

Work experience

2018 – 2024	**IT Consultant**, *Freelance*
2018 – 2023	**System architect**, *Sapienza University of Rome*
2018 – 2023	**DevOps/System administrator**, *Gamification Lab, Sapienza University of Rome*
2017 – 2018	**System architect**, *Sapienza University of Rome*
2016 – 2016	**System integrator**, *PMS Srl (Latina, Italy)*
2005 – 2015	**System/Network Administrator**, *Teknè consulting / Webrand Srl (Latina, Italy)*
2010 – 2015	**Sound engineer**, *Freelance*

Languages

Italian	first language
English	B2 (IELTS score 6.5)

Publications

2024	**Scalable and automated Evaluation of Blue Team cyber posture in Cyber Ranges**, *Bianchi, Federica; Bassetti, Enrico; Spognardi, Angelo* SAC 2024

2023   **A New Model for Testing IPv6 Fragment Handling**, *Di Paolo, Edoardo; Bassetti, Enrico; Spognardi, Angelo*
ESORICS 2023

2023   **Human Presence Detection After Earthquakes: An AI-Based Implicit User Interface on the Smartphone**, *Bassetti, Enrico; Cavallaccio, Gianmarco; De Marsico, Maria; Panizzi, Emanuele*
CHItaly 2023

2022   **Quick decentralized estimation of earthquake epicenter with low-cost IoT network**, *Bassetti, Enrico; Quaranta, Davide; Panizzi, Emanuele*
IOTSMS 2022

2022   **ISIDE: Proactively Assist University Students at Risk of Dropout**, *Bassetti, Enrico; Conti, Andrea; Panizzi, Emanuele; Tolomei, Gabriele*
IEEE Big Data

2022   **Exploiting User Behavior to Predict Parking Availability through Machine Learning**, *Bassetti, Enrico; Berti, Andrea; Bisante, Alba; Magnante, Andrea; Panizzi, Emanuele*
Smart Cities, MDPI

2022   **Earthquake Detection at the Edge: IoT Crowdsensing Network**, *Bassetti, Enrico; Panizzi, Emanuele*
Information, MDPI

2022   **Re-Orienting Smartphone-Collected Car Motion Data Using Least-Squares Estimation and Machine Learning**, *Bassetti, Enrico; Luciani, Alessio; Panizzi, Emanuele*
Sensors, MDPI

2022   **ML-based re-orientation of smartphone-collected car motion data**, *Bassetti, Enrico; Luciani, Alessio; Panizzi, Emanuele*
Procedia Computer Science, Elsevier

2021   **Security assessment of common open source MQTT brokers and clients**, *Di Paolo, Edoardo; Bassetti, Enrico; Spognardi, Angelo*
ITASEC 2021

2021   **ML Classification of Car Parking with Implicit Interaction on the Driver's Smartphone**, *Bassetti, Enrico; Luciani, Alessio; Panizzi, Emanuele*
INTERACT 2021 IFIP Conference on Human-Computer Interaction, Springer

2020   **Simplify Node-RED For End User Development in SeismoCloud**, *Bassetti, Enrico; Ottavianelli, Edoardo; Panizzi, Emanuele*
EMPATHY 2020: Empowering People in Dealing with Internet of Things Ecosystems

2018   **Adaptive mitigation of the Air-Time pressure in LoRa multi-gateway architectures**, *Cuomo, Francesca; Campo, Manuel; Bassetti, Enrico; Cartella, Lorenzo; Sole, Federica; Bianchi, Giuseppe*
European Wireless 2018, VDE

Simplified CV version for publication / trasparency purposes.