Antonino Galletta

Work Experience

Jun 2022 - Ongoing — **Principal Investigator**, *InstradaME (Grant agreement: CUP F49I20000100001)*, Italian project funded by the Department for drug policies of the Presidency of the Council of Ministers (Italian Government).

Jan 2019 - Apr 2019 — **Principal Investigator**, *Noise and Air quality Monitoring systEm (NAME)*, Scientific director of Helsinki Noise and Air quality Monitoring systEm (NAME) project. A project funded by the City Enabler Open call (Select4Cities PCP).

Sep 2017 - Nov 2018 — **FIWARE Chief Technology Officer**, *F(L)IWARE*, FIWARE CTO of the H2020 project FIWARE Grant Agreement n. 732947 Sub- Grant Agreement n. 011.

Jun 2018 - Nov 2018 — **FIWARE Chief Technology Officer**, *IDA*, FIWARE CTO of the H2020 project IDA Grant Agreement n. 732947 Sub- Grant Agreement n. 018.

Jun 2015 - Oct 2016 — **Software Engineering**, *Beacon Enabling Federated Cloud Networking*, University of Messina. Design and development of Openstack software modules for the project "Beacon" Grant agreement n. 644048.

Dec 2013 - May 2015 — **Junior developer**, *S.I.G.M.A.*, University of Messina. Design and implementation of software modules for the middleware "Clever". National project "S.I.G.M.A." (Sistema Integrato di Sensori in ambiente Cloud per la gestione Multirischio Avanzata).

Mar 2013 - Jul 2013 — **Internship**, University of Messina. Design and implementation of innovative systems for Cloud Storage.

Academic Positions

Oct 2021 - ongoing — **Assistant professor**, *Computer Science*, University of Messina.

Jan 2021 - Sep 2021 — **Research fellow**, *Computer Science*, University of Messina.

Jan 2020 - Dec 2020 — **Post Doc researcher**, *Computer Science*, University of Messina.

Oct 2018 — **Lecturer**, Cedel - cooperativa sociale educativa ELIS, Lecturer of the "Rapid Prototyping" module at the postgraduate course "MIDAS8-9 - Managing IoT Data Analytics & Security" 3rd Edition.

Jul 2018 - Aug 2018 — **Lecturer**, Cedel - cooperativa sociale educativa ELIS, Lecturer of the "Java" module at the postgraduate course "MIDAS8-9 - Managing IoT Data Analytics & Security" 3rd Edition.

Education

Jan 2019 - Jul 2019 — **Visiting Ph.D. Student**, *Computer Science Department, University of Karlstad*, EQF Level 8.

Nov 2016 - May 2020 — **Ph.D. Student**, *University of Reggio Calabria*, EQF Level 8.

Nov 2014 - Oct 2016 — **Master's Degree with honors, in Computer Engineering**, *University of Messina*, EQF Level 7.

Nov 2008 - Jul 2013 — **Bachelor degree in Computer Engineering**, *University of Messina*, EQF Level 6.

Teaching Experience

- spring 2023 **Object Oriented Programming**, *9 ECTS, 72 hours*, Bachelor course in Computer Science, University of Messina.
- spring 2023 **Computer Science**, *4 ECTS, 50 hours*, Master course in Medicine and Biotechnologies, University of Messina.
- fall 2022 **Computer System Security**, *6 ECTS, 48 hours*, Bachelor course in Computer Science, University of Messina.
- spring 2022 **Object Oriented Programming**, *9 ECTS, 72 hours*, Bachelor course in Computer Science, University of Messina.
- spring 2022 **Computer Science**, *6 ECTS, 36 hours*, Bachelor course in Pharmacy, University of Messina.
- fall 2021 **Operating Systems**, *6 ECTS, 48 hours*, Bachelor course in Computer Science, University of Messina.
- Since 2013 **Supervision of more than 55 students**, *Computer Engineering, Computer Science degree courses*.

Honours

- Sep 2022 **Best paper Award "OpenWolf: A Serverless Workflow Engine for Native Cloud-Edge Continuum"**, *7th IEEE Cyber Science and Technology Congress (CyberSciTech 2022)*, Cosenza.
- Feb 2022 **Awarded with the national scientific qualification as Associate Professor in Computer Engineering**, *Ministry of University and Research*, Italy.
- Aug 2019 **Winner of the award during the pitch competition of the "EIT health PhD Translational Fellowship Program"**, *Organized by EIT health*, Oxford.
- May 2019 **Winner of "Open Innovation City Hackathon Genova"**, *Organized by FIWARE*, Genova.
- Apr 2019 **Selected as one of the top 200 young researchers in the world**, *the 7th Heidelberg Laureate Forum*, Heidelberg.
- Dec 2018 **1 place at "FIWARE ICT Challenge Vienna"**, *Organized by EC, FIWARE and the City of Wien*, Wien.
- Nov 2018 **1 Place at the international "Leonardo Innovation Award 2018"**, *Ph.D. Students/ PH.D. Graduates Category*, Naples.
- Apr 2018 **Best presentation award**, *"ICGDA 2018: the International Conference on Geoinformatics and Data Analysis"*, Prague.
- Nov 2017 **2 Place at the international "Leonardo Innovation Award 2017"**, *Ph.D. Students/ PH.D. Graduates Category*, Milan.
- 2018 **Erasmus for traineeship**, *University of Reggio Calabria*, Reggio Calabria.
- 2017 **Traveler Grant**, *IEEE 3th International Conference on Collaboration and Internet Computing (CIC) 2017*, San Jose.
- 2018-2021 **Subject expert**, *Database at the University of Messina*, Messina.

Professional Leadership and Editorships

- Jan 2023 - Ongoing **Guest editor**, *MDPI*, Special Issue on "Machine Learning Techniques in Designing the Efficient Platforms for the Internet of Behaviors (IoB)", `https://www.mdpi.com/journal/sustainability/special_issues/N5SAHKGX66`.
- Jan 2023 - Ongoing **Associate editor**, *Elsevier Chip*, `https://www.sciencedirect.com/journal/chip/about/editorial-board`.

Oct 2022 - Ongoing	**Lead Guest Editor**, *Elsevier Internet of Things*, Special Issue on "Secure Communications in IoT, Edge and Cloud Systems", `https://www.sciencedirect.com/journal/internet-of-things/about/call-for-papers`.
Jun 2022 - Ongoing	**Associate editor**, *Elsevier Sustainable Computing: Informatics and Systems journal*, WOS: Q1 Computer Science (Hardware & Architecture); SJR: Q1 Computer Science (Miscellaneous) , `https://www.sciencedirect.com/journal/sustainable-computing-informatics-and-systems/about/editorial-board`.
Sep 2021 - Ongoing	**Memeber of the Technical Committee**, *Elsevier Computer Communication journal*, WOS: Q1 Computer Science (Information Systems); SJR: Q1 Computer Science (Computer Networks and Communications), `https://www.sciencedirect.com/journal/computer-communications/about/editorial-board`.
Sep 2021 - Ongoing	**Guest Editor**, *Elsevier Sustainable Computing: Informatics and Systems Journal.* , Special Issue on "Green Communications via Optimization Techniques", WOS: Q1 Computer Science (Hardware & Architecture); SJR: Q1 Computer Science (Miscellaneous).
Jun - Nov 2020	**Guest Editor**, *Springer Journal of Grid Computing*, Special Issue on "Orchestration of computing resources in the Cloud-to-Things continuum" , WOS: Q1 Computer Science (Theory & Methods); SJR: Q1 Computer Science (Hardware and Architecture) . https://link.springer.com/collections/fbaacihajb
Since 2018	**Reviewer of > 15 Q1 Journals in Computer Science**, *Including: "IEEE Transactions in Industrial Informatics", "IEEE Transactions on Sustainable Computing", "IEEE Access" "Elsevier JNCA", "Elsevier IOT", " Elsevier Applied Computing and Informatics", "Elsevier FGCS", "Springer NCAA", "Springer Computing" etc*.
Since 2018	**Publicity Chair several international workshops/conferences**, *Including: CCGrid, IEEE ISCC, ICT4Ehealth, IEEE MOCS, IEEE SQUEET etc.*.
Since 2017	**Technical program committee member of several conferences**, *Including: FiCloud, CBMS2019, BODYNETS etc.*.

Research Interests

o Security, Cloud Computing, Edge Computing, Big Data, e-Health, IoT, SDN, NFV, Artificial Intelligence, Machine Learning

Published papers and Bibliometric indicators (From 2018)

o Impacted Journal Papers: 20;
o Conference Papers: 49;
o Editorial: 1;
o Book Chapter: 1;
o Google Scholar: Citations 934; h-index 17
o Scopus: Citations 661; h-index 15

Certifications

o Erasmus Online Linguistic Support English Level B2;
o MongoDB: "M101J", "M101JS", "M101P", "M102";
o ECDL: "Full Standard", "It-Security";
o Blockchain: "Blockchain for Healthcare", "Blockchain 101 Beginners Bootcamp Cryptocurrency";
o Machine Learning: "Learn Machine Learning algorithms, softwares, deep learning";

References

o Up to 3 references available on request