

Luca Bedogni, PhD

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Born: 1st July, 1985
Citizenship: Italian

Work Experience

November 2022 - current, Department of Physics, Informatics and Mathematics, University of Modena and Reggio Emilia, Italy - **Associate Professor**

November 2019 - November 2022, Department of Physics, Informatics and Mathematics, University of Modena and Reggio Emilia, Italy - **Tenured Assistant Professor**

July 2018 - November 2019, Department of Computer Science and Engineering, University of Bologna, Italy - **Assistant Professor**

February 2015 - June 2018, Department of Computer Science and Engineering, University of Bologna, Italy - **Research Fellow**

Research visits

2019 - University of California, Irvine. Host: Prof. Marco Levorato

2017 - University of California, Irvine. Host: Prof. Marco Levorato

2015 - Queen Mary University London, UK. Host: Prof. Yue Gao

2013 - RWTH Aachen university, Germany. Host: Prof. Petri Mähönen

Education

Department of Computer Science, University of Bologna 2012-2015 - **PhD in Computer Science**

Department of Computer Science, University of Bologna 2008-2011 - **M.Sc. in computer science**

Department of Computer Science, University of Bologna 2004-2008 - **B.Sc. in computer science**

Main Research activity

Data Science and Data Analytics

Mobile computing and privacy

Context Aware Mobile Application and Indoor Localization

Teaching activities

2023 - **now: Professor**, Mobile Programming, University of Modena and Reggio Emilia

2020 - **now: Professor**, Computer Programming, University of Modena and Reggio Emilia

2020 - **now: Professor**, IoT systems, University of Modena and Reggio Emilia

2019: Professor, Mobile Applications Laboratory (Android) - Department of Computer Science, University of Bologna

2019: Professor, Computer Networks - Department of Computer Science, University of Bologna

2018: Adjunct Professor, Mobile applications laboratory (Android), Department of Computer Science, University of Bologna.

2017 - 2018: Teacher Assistant (TA), Algorithms and Data Structures, Department of Computer Science, University of Bologna.

2015: Teacher Assistant (TA), Programming Languages, Department of Computer Science, University of Bologna.

2012 - 2017: Teacher Assistant (TA) Mobile applications laboratory (Android), Department of Computer Science, University of Bologna.

Participation to research projects

2023-now **MUR-PRIN**: Tight control of treatment adherence and efficacy by tELemedicine for an improved personalized Management of Patients with hemOphilia - TEMPO project (**co-PI, Work Package Leader**)

2023-now **UNIMORE-FAR**: Industry 5.0 Digital twins enable factories (**Work Package Leader**)

2023-now **[Horizon Europe]** Digital intelligent assistants and human-AI collaboration for smart manufacturing. (**Research Team Participant**)

2019-2022 **[Private Grant]** Predictive maintenance on industrial plants, grant by DIGIBELT Ltd. (**Principal Investigator**)

2019 **[Private Grant]** Industry 4.0, grant by FAVA SpA (**Principal Investigator**)

2019 **[Private Grant]** Smart factory, grant by DIGIBELT Ltd. (**Principal Investigator**)

2015-2017 **[Private Grant]** TVWS exploitation in Indoor Environments, Joint Project with Telecom Italia SpA. (**Co-Principal Investigator**)

2012-2015 **[PRIN]** Italian research project, STEM-NET, Staminal devices for self-adapting Wireless Networks. (**Research Team Participant**)

2011-2016 **[EU-FP7]** Project Internet of Energy (IoE), to develop new remote services for the electrical mobility. (**Research Team Participant**)

2013-2017 **[Artemis]** Project Arrowhead, to develop interfaces for the electric mobility. (**Research Team Participant**)

2015-2016 **[EIT-ICT]** Labs Project, to develop pre-deployment tools for the electric mobility. (**Research Team Participant**)

Publications

More than 100 referred academic journals and International conferences. Full list can be found at <https://scholar.google.com/citations?user=N0ocPOEAAAAJ&hl=it>

Professional Service

Associate Editor 2022 - now, IEEE Access

Associate Editor 2019 - now, Springer PPNA

Academic Editor 2017 - now, Hindawi Journal on Mobile Information Systems

Co-Guest Editor 2019, Elsevier's PMC, Special Issue on "Crowdsensed Big Data for IoT".

TPC Co-Chair 2018 - 2020, International Workshop on Information Quality and Quality of Service for Pervasive Computing (IQ2S 2018), in conjunction with IEEE Percom

PC Co-Chair 2015 - 2017, International Workshop on Emerging COgnitive Radio Applications and aLgorithms 2015-2017, in conjunction with IEEE WoWMoM.

Technical Program Committee Member for numerous IEEE/ACM/IFIP conferences.

Awards

Won a total of 3 best paper awards: "DySCO: A Dynamic Spectrum and COntention Control Framework for Enhanced Broadcast Communication in Vehicular Networks" (MobiWAC 2012), "Re-establishing Network Connectivity in Post-Disaster Scenarios Through Mobile Cognitive Radio Networks" (Med-Hoc-net 2013), "A Collision-Free Contention Protocol Based on Pulse/Tone Signals" (CANDAR 2014)

Last Update September 11, 2024.