Short CV – Luca Pappalardo

Family name, First name: Pappalardo, Luca

ORCID: https://orcid.org/0000-0002-1547-6007

Date of birth: 5th May 1984

Place of birth: Salerno, Italy

Nationality: Italian
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Current positions:

- **Senior Researcher** at the Institute of Information Science and Technologies (ISTI), National Research Council of Italy (CNR), Pisa, Italy
- **Associate Professor** at Scuola Normale Superiore, Pisa, Italy

Google Scholar's H-index: 40 (6 Mar 2026).

EDUCATION

2015	PhD in Computer Science, University of Pisa, Italy
2010	Master degree in Computer Science, University of Salerno, Italy
2007	Bachelor degree in Computer Science, University of Salerno, Italy
2007	Master degree in Piano performance, Conservatory of Salerno, Italy

CURRENT POSITION(S)

2024 –	Associate Professor, Scuola Normale Superiore, Italy
2019 –	Senior Researcher, CNR-ISTI, Italy
2018 –	External professor, Department of Computer Science, University of Pisa, Italy
2011 –	Research Associate, KDD-Lab, CNR & University of Pisa, Italy

PREVIOUS POSITIONS

01-05/2024	Visiting professor, Sciences Po, Paris, France
05/2023	Visiting professor, CentraleSupélec, Paris-Saclay, France
05-06/2022	Visiting professor, INRIA Saclay, Palaiseau, France
04/2022	Visiting professor, Universidad del Desarrollo, Santiago de Chile, Chile
2017 – 2019	Postdoc researcher, CNR-ISTI, Italy
2014 – 2017	Postdoc researcher, Department of Computer Science, University of Pisa
2014	Researcher, Budapest University of Technology and Economics, Hungary
2014	Visiting Scholar at Central European University (CEU), Budapest, Hungary
09/2013	Visiting Scholar at the PUC-Rio, Rio de Janeiro, Brazil
2011 – 2015	PhD student, Department of Computer Science, University of Pisa, Italy
2012 – 2017	Several times visiting scholar at Northeastern University, USA

AWARDS AND HONOURS

2020	Young Open Science Award, CNR-ISTI, Italy
2020	Honourable Mention at the national prize "Premio Giovani Ricercatori 2020"
2017	Runner up at ACM CIKM AnalytiCup 2017
2014	Awarded with grant "Producing official statistics with Big Data", Google&ISTAT
2013 – 2020	Awarded six times with the Young Researcher Award, CNR-ISTI, Italy

SUPERVISION OF STUDENTS AND YOUNG RESEARCHERS

2021 –	3 postdocs
2018 –	6 PhD students
2012 –	20+ Master and Bachelor students

TEACHING ACTIVITIES

2023 –	Professor, "Time Series and Mobility Data Analysis", Master post-laurea in Big Data Analytics, University of Pisa, Italy
2022 –	Lecturer, "Geospatial Analytics", Master degree in Data Science and Business Informatics, University of Pisa, Italy
2018 – 2022	Lecturer, "Big Data Analytics", Master degree in Data Science and Business Informatics, University of Pisa, Italy
2019 – 2022	Teaching assistant, "Mobility Data Analysis", Master post-laurea in Big Data Analytics, University of Pisa, Italy
2021	Lecturer, "Network Analytics", Scuola Superiore Sant'Anna, Pisa, Italy
2018	Lecturer, "Network Analytics", European University Institute, Italy
2016–2017	Lecturer, Data Science, Master post-laurea in Intelligence, University of Cosenza, Italy
2014 – 2015	Teaching assistant, Social Network Analysis, University of Pisa, Italy

ORGANISATION OF SCIENTIFIC MEETINGS

2025	Program Chair, Hybrid Human Artificial Intelligence (HHAI25), Pisa, Italy
2024	Program Chair, 8th EAI International Conference on Intelligent Transport Systems, Pisa, Italy
2023	Program Chair, International School and Conference on Network Science (NetSci-X), Buenos Aires, Argentina
2020	Tutorial Chair, International Conference in Social Informatics (SOCINFO)
2018	Workshop chair, SoBigData workshop, Lipari Intl. Summer School
2017 –	Satellite Chair, Quantifying Success, Intl. Conf. on Network Science
2016-2017	Program Chair, Workshop on Data mining for the Analysis of Performance and Success, IEEE Intl. Conf. on Data Mining

INSTITUTIONAL RESPONSIBILITIES

2026 –	Principal Investigator of CAIO (City-AI Coevolution), Italian national research project with the FIS program (Fondo Italiano per la Scienza), 1.4 million euros. FIS is an excellence program funded by the Italian Ministry of University and Research and is the Italian version of ERC grants
2023 –	Principal Investigator of URBAI (URBan Artificial Intelligence), Italian national

research project within the program PRIN (Progetti di rilevante interesse nazionale), 200k euros

2023 – Task leader of task “Individual vs. collective goals of AI-STS” of Work Package 1 for project FAIR (Future Artificial Intelligence Research), Spoke 1 Human-centred AI, funded by the European Commission under the NextGeneration EU programme.

2023 – Member of the Board of the National Ph.D. in Artificial Intelligence for Society

2020 – Work Package Leader for Work Package 10 for EU H2020 project SoBigData++ (grant agreement #871042), with the responsibility of coordinating and managing the research on big data analytics conducted within a consortium of more than 30+ partners from 12+ European countries.

2020 – Task leader of Work Package 8 for EU H2020 project SoBigData++ (grant agreement #871042), with the responsibility of developing an open-source library for human mobility analysis.

ACTIVITIES as REVIEWER and EDITOR for journals and grants

2024 – Editor-in-Chief, Transactions of the Complex System Society (ToCSS)

2023 – Section Editor, PLoS Complex System

2020 Guest Editor, SI “Spatial Data Science and Artificial Intelligence for Human Mobility Research”, International Journal of Geo-Information

2020 Guest Editor, SI “Special issue on social mining and big data ecosystem for open, responsible data science”, International Journal of Data Science and Analytics (JDSA)

2018 –2025 Academic Editor, PLoS One

2018 Guest Editor, SI “Individual and Collective Human Mobility: Description, Modelling, Prediction”, EPJ Data Science

2017 Guest Editor, SI “Data Mining for the Analysis of Performance and Success”, Information

Moreover, I serve as a frequent reviewer for several international journals and conferences:

- **Journals (selection)**: Machine Learning, EPJ Data Science, ACM TIST, ACM CS, IEEE TITS, IEEE TKDE, DAMI, JDSA, Nature Communications, Nature Scientific Data, Scientific Reports, Sensors.

- **Conferences (selection)**: ACM SIGKDD, SIAM SDM, ECML-PKDD, TheWebConf, IC2S2, IJCAI, CIKM, NetSci, WebSci, Complenet, NeurIPS, ICDM, EUSPN, SocInfo, IC2S2, ICIMP, UBICOMP.

RESEARCH GRANTS

2026 – 2030 FIS Consolidator grant (1.4 million euros), funded by the Italian Ministry of University and Research under the FIS (Fondo Italian per la Scienza) program. The project will start in spring 2026.

2023 – 2026 PRIN URBan Artificial Intelligence (URBAI), Italian national research project funded within the program PRIN (Progetti di rilevante interesse nazionale), 200k euros.

Participation in INTERNATIONAL RESEARCH PROJECTS

Since 2011, Luca has been actively involved (either as principal investigator, work package leader, task leader, or participant) in several national and international research projects. Among them:

- H2020 LeADS (Legally Attentive Data Scientists), 2021-2024, #956562
- CHIST-ERA SAI (Social Explainable Artificial Intelligence): 2021-2023
- H2020 HumanE-AI-Network (Making artificial intelligence human-centric), 2020-2023, #952026
- ERC XAI (Science and technology for the explanation of AI decision making), 2019-2024, #834756
- H2020 SoBigData++ (European Integrated Infrastructure for Social Mining and Big Data Analytics), 2020-2023, #654024
- H2020 Track&Know (Big Data for Mobility Tracking Knowledge Extraction in Urban Areas), 2018-2020, #780754
- H2020 SoBigData (Social Mining and Big Data Ecosystem), 2015-2019, #654024
- H2020 Cimplex (Bringing CItizens, Models and Data together in Participatory, Interactive SociaL EXploratories), 2015-2018, #641191
- FP7-ICT DataSim (DATA science for SIMulating the era of electric vehicles), 2011-2014, #270833
- FP7-PEOPLE SEEK (Semantic Enrichment of trajectory Knowledge discovery), 2012-2015, #295179

DISSEMINATION

Luca Pappalardo has given several invited talks at workshops and seminars on AI and human mobility. Also, Luca has been involved in several divulgation initiatives, including a TEDx talk on the use of AI in sports and health and a documentary on data science on “Superquark”, the main science divulgation TV show on RAI, the Italian national television network.