MARIE SKŁODOWSKA-CURIE ACTIONS (MSCA) POSTDOCTORAL FELLOWSHIPS 2025
APPLICATIONS AT THE UNIVERSITY OF MACERATA

SUPERVISOR PROFILE

Name of Supervisor: Prof. Luca Romeo

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Research themes proposed:

- **Applied Machine Learning**
- **Multi-task learning**
- **Multiple Instance Learning**
- **Hierarchical Ordinal Learning**
- **Application of Machine Learning in healthcare, industry and finance domains**

Other info:

LUCA ROMEO received his Ph.D. in Computer Science from the Department of Information Engineering (DII) at Università Politecnica delle Marche in 2018, with a thesis focused on *"Applied Machine Learning for Human Motion Analysis and Affective Computing."* He is currently a Tenure Track Assistant Professor of Computer Science at the University of Macerata (UniMC), Department of Economics and Law. Additionally, he is affiliated with the Unit of Computational Statistics and Machine Learning at Fondazione Istituto Italiano di Tecnologia (IIT) in Genova, Italy. Dr. Romeo's research centers on designing novel machine learning algorithms to address complex challenges in real-world domains, including biomedical informatics. He has authored over 50 publications in leading conferences and journals. He serves as an Associate Editor for the *Neurocomputing* (Elsevier) journal and *Medical & Biological Engineering & Computing (MBEC)*. Dr. Romeo is actively involved in the global AI research community, serving as a Senior Program Committee (PC) member for IJCAI 2024 and as a member of the Ellis Society, a pan-European network of AI excellence.