**CS**

**PhD scholarship bound to specific research topics/areas:**

9 scholarships with bound research topic and minimum 6-month study period abroad requirement pursuant to MD 117/2023 funded by PNRR:

Research topics:

1. Open Source Workflows supporting Data Science Literacy – Co-funded by KNIME AG (supervisor prof. Giuseppe Di Fatta)
2. Ethical frameworks for the development, deployment, and use of AI technologies – Co-funded by DATATELLERS SRL (supervisor prof. Enrico Franconi)
3. Conceptual Modelling of Ratings using ESG criteria for Social Sustainability – Co-funded by DATATELLERS SRL (supervisor prof. Enrico Franconi)
4. Artificial Intelligence, Semantic Technologies and Knowledge Representation applied to the restaurant industry – Co-funded by OKKAM SRL (supervisor prof. Enrico Franconi)
5. Predictive maintenance for industrial equipment – Co-funded by DURST GROUP AG (supervisor prof. Johann Gamper)
6. Edge AI characterizing low cost environmental Wireless Sensor Networks – Co-funded by EURAC RESEARCH (supervisor prof. Antonio Liotta)
7. Optimised Virtual Knowledge Graph-based management of machine learning training data and models – Co-funded by DATAVISION ITALIA SRL (supervisor dr. Alessandro Mosca)
8. Minority representation in Artificial Intelligence – Co-funded by EURAC RESEARCH (supervisor prof. Antonella De Angeli)
9. Visual Anomaly Classification and Segmentation in XCT Scans – Co-funded by MICROTEC SRL (supervisor prof. Oswald Lanz)