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Mariarita de Luca is a Research Technologist at the Laboratory of Data Engineering at Area Science Park. With a background in Bioengineering and a PhD in Applied Mathematics, she combines scientific research experience with expertise in Open Science, Research Data Management, and FAIR principles. Her work focuses on FAIR-by-design digital research infrastructures, metadata models, and interoperable data workflows supporting integration within the EOSC Federation.

She coordinated FORGE (Federated Open Research Data for Genomics in EOSC), an EOSC Gravity-funded collaboration between Area Science Park, the Italian EOSC Node, and the CERN EOSC Node, developing a cross-node genomics use case to connect data discovery, access, and analysis. She also coordinates the Master in Data Management and Curation, jointly developed by Area Science Park and SISSA, and provides training on Open Science and FAIR data.