

Flavio COGNIGNI - CV

Flavio Cognigni is a graduate in Nanotechnology Engineering and conducted his PhD studies at La Sapienza, University of Rome. His research project was co-funded by Carl Zeiss SpA and the Lazio Region.

In April 2024, he embarked on his journey at ZEISS in the role of Product and Application Sales Specialist XRM and Multimodal Microscopy, actively engaging in the development and advancement of innovative solutions specifically tailored to correlative microscopy within the domains of materials and life sciences.

His main focus lies in the development of analytical workflows that encompass various characterization tools and involve image analysis, processing, and modeling software, all while leveraging the potential of AI-driven innovative solutions. By integrating artificial intelligence into these workflows, he aims to enhance the efficiency and accuracy of microscopy analysis in order to provide valuable insights in materials and life sciences.

His professional experience spans a wide spectrum of academic and industrial research fields, including electronics and semiconductors, additive manufacturing, energy materials and batteries, cultural heritage, and the biodegradation of recalcitrant materials.