



ASE

PhD scholarships bound to specific research topics/areas:

4 scholarships bound to a specific research topic with a minimum 6-month study period abroad requirement pursuant funded by the European Union – NextGenerationEU – DM 117/2023

1. Cobot - assisted assembling (in collaboration with *Durst Group spa*, supervisors Prof. Angelika Peer/Oliver Kutz)
2. Automation of defect control in aluminum die-casting processes (in collaboration with *Alupress spa*, supervisors Prof. Renato Vidoni/Erwin Rauch)
3. Development of technology-based methodologies to improve the occupational health and safety training process for workers in the Engineer-to-Order manufacturing industry (in collaboration with *Leitner spa*, supervisors Prof. Patrick Dallasega/Luca Gualtieri)
4. Raman and photoluminescence spectroscopy of advanced nanostructured materials for sensor devices (in collaboration with *Fondazione Bruno Kessler – FBK*, supervisor Prof. Luisa Petti)