



POWDER BED FUSION AM OF POLYMERS FOR PRODUCTION OF COMPONENTS FOR MANUFACTURING INDUSTRIES AND ROBOTICS

18th June 2024, 10:00–15:00

Faculty of Polimer Technology, Ozare 19, 2380 Slovenj Gradec, Slovenia

Please register here: <https://forms.office.com/e/6GtikAbnEs>



THE GOALS OF THE WORKSHOP

- To present an overview of powder bed fusion additive manufacturing of polymers and the latest trends in the technology and material development.
- To present how powder bed fusion can be applied for the production of highly complex parts used in robotics and manufacturing industries.
- To gather partners along the value chain for possible future collaborations and pilot cases within the ADDCIRCLES project.

AGENDA

10:00–10:15	Presentation of the ADDCIRCLES project (EN)
10:15–12:15	Expert talks (EN) <ul style="list-style-type: none">• Introduction to powder bed fusion additive manufacturing technology of polymers (evolution, trends, use in industry) – Daniel Omidvarkarjan, Head of the Additive Manufacturing, IWK Institute for Material Technology and Plastics Processing & Lecturer at the OST University of Applied Sciences Eastern Switzerland• HP multi fusion technology – Andrej Suhadolc, Head of Hardware and Additive Technology Department, CGS plus d. o. o• Tailored made polymeric powders for PBF AM and recycling – Dr. Soeren Griessbach, CEO, GS-Pro GmbH• Trends and new developments in SLS technology – 3D Systems (TBC)• Use case examples using PBF AM technology of polymers for production of functional parts (robotics/manufacturing industries/automation systems, ...) – Rui Soares, Additive Manufacturing Manager, CENFIMFE
12:15–12:45	Break with snacks
12:45–14:00	Companies presenting their demonstrator ideas (EN) – 15 min per demonstrator <ul style="list-style-type: none">• Demonstrator 1• Demonstrator 2• Demonstrator 3
14:00–15:00	Discussion of demonstrators in groups (SI/AT) (EN)