

Industrial Day – Project Submission Form

Please complete this form to provide information about the projects your company will present during Industrial Day. This information will help us organize and communicate available Master's Thesis (TFM) opportunities to students.

Company Name
Fundacio Centre CIM

Project Title
Rheological study of inks for extrusion 3D printing (PowerDIW)

Project Description
Rheological study of pasty materials for 3D printing by extrusion using Direct Ink Writing (DIW). The student will carry out a rheological study of different formulations of pasty materials used in direct extrusion 3D printing (PowerDIW), such as silicones, ceramic inks and metallic inks. Properties such as viscosity and recovery after shearing will be characterised, using specific rheological characterisation equipment. The aim of the work is to correlate these parameters with the quality of the printing process, contributing to the definition of a printability window useful for the development of new functional inks. The project will be directly supervised by the technical team.

Responsible Person
Laura Calvo/Louisson Poudelet

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Is there financial support available? (Yes/No)

Yes

No

Number of available positions
1

Thank you for your collaboration and participation in Industrial Day.