

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
Eurecat – Technology Centre of Catalonia

Project Title
Design and Development of a Powder Dryer for SLS Technology

Project Description
<p>This project aims to design and build a dedicated system for removing moisture from polyamide (PA) powder used in Selective Laser Sintering (SLS) processes. Humidity in PA powder significantly affects part quality and process reliability, making controlled drying essential for consistent results.</p> <p>The work will involve analyzing environmental factors influencing powder humidity, designing a drying system tailored to SLS requirements, and manufacturing a functional prototype. The system will be validated under laboratory conditions to ensure efficiency and reliability. The expected outcome is a robust and cost-effective solution that improves material quality and enhances the stability of SLS manufacturing workflows.</p>

Responsible Person
Miquel Domingo Adrian Mora

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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.