

## 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.

<b>Company Name</b>
Hospital Sant Joan de Déu – 3D4H Unit

<b>Project Title</b>
Integration of Intelligent Monitoring Systems for 3D Printers

<b>Project Description</b>
Development or integration of electronic modules and sensors to monitor the operational status of 3D printers: workload, environmental variations, failures, energy consumption, and quality metrics. The project aims to build a centralized monitoring platform enabling failure prediction, maintenance optimization, and improved production control aligned with Industry 4.0 principles.

<b>Responsible Person</b>
Martí Engli Rueda

<b>Contact email</b>
Marti.engli@sjd.es

**Is there financial support available? (Yes/No)**

☐ Yes

☒ No

<b>Number of available positions</b>
To be defined, depending on the project and student availability

Thank you for your collaboration and participation in Industrial Day.