

## 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>
Development of an Advanced Medical Simulator with Integrated Electronics

<b>Project Description</b>
Design and implementation of a functional medical simulator prototype incorporating electronics, sensors, and dynamic systems (fluids, motion, interaction detection, haptic feedback). The objective is to enhance realism and pedagogical value, expanding the technical capabilities of existing training simulators and exploring more immersive, high-fidelity solutions.

<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.