

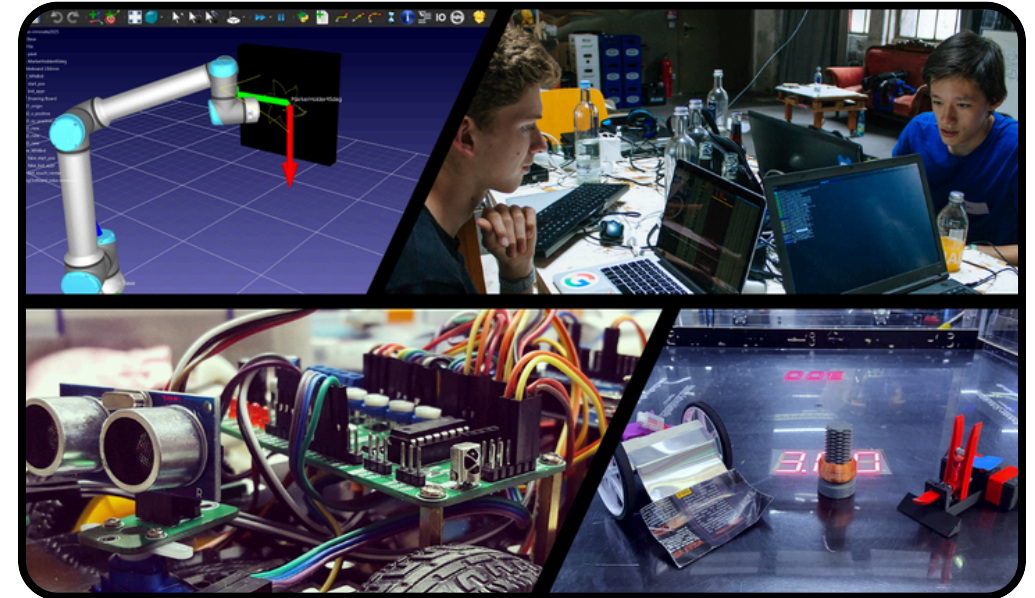
FUTURE ROBOTICS PROGRAM PROJECT APPLICATION



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What is an FRP Project?

The **Future Robotics Program** (FRP) is a hub for developing semester-long robotics projects at TUM. Each FRP project is a **self-contained challenge** with a clear objective, tackled by students and co-supervised by **academic or industry partners** together with experienced RoboTUM members. Projects may span a variety of fields and complexity levels, whether designed for newcomers or more experienced roboticists.



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Who Can Propose a Project?

Projects can come from various sources. Almost anyone can make a proposal! **FRP thrives on diversity**, from **cutting-edge research topics** to **real-world applications** and **entrepreneurial ideas**.

- **Companies:** Propose industry challenges grounded in real-world applications and benefit from student-led development using your technology. FRP connects you with talented students who can explore solutions while gaining experience with your tools.
- **Academic Chairs:** Propose a project aligned with your field of research and co-supervise capable students as they explore it hands-on. FRP can help generate publishable results, validate early-stage ideas, or support thesis work through collaboration with RoboTUM.
- **Student Initiatives:** FRP provides a unique opportunity for student initiatives to team up with RoboTUM on multidisciplinary challenges. This collaboration strengthens the community, enabling you to combine efforts, share insights, and develop innovative solutions that benefit both initiatives.
- **RoboTUM Members:** Already part of RoboTUM or considering joining? This is your chance to initiate a robotics project and build a team around it. Whether it's research-driven, entrepreneurial, or exploratory, FRP provides the tools, structure, and exposure to take your idea further.

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What is required to propose a Project?

In order for your project to be part of FRP, we ask that you fill the application form with the following information:

- **Project Description:** Give a summary of the challenge your project will tackle. What is the main goal of the project? What makes it exciting, relevant, or impactful?
- **Deliverables:** List the specific outcomes you expect from the project by the end of the semester. This may include prototypes, reports, software applications, documentation, or any other tangible results.
- **Planning:** Provide a rough timeline outlining the project's progression over the semester. Mention important milestones, expected workload, and any fixed deadlines. Align with FRP's schedule.
- **Participants:** Indicate the ideal team size and the student backgrounds best suited for the project. What is the expected difficulty level? For which kinds of profiles is it geared towards? What are the technical or non-technical prerequisites?
- **Requirements:** List the requirements of the project. This could include specific tools, programming languages, hardware, or any other resource that is needed. What are your project's hardware requirements? Can you provide any resources?
- **Workshop:** We ask academic and industry partners to host either a workshop focused on a specific robotics tool or a session on a relevant robotics topic for FRP participants. This is your chance to equip everyone with the essential knowledge they'll need to tackle your challenge!

Want to be part of FRP? Submit your application **through this form!**