



Munich Institute of Robotics and Machine Intelligence (MIRMI)
Technical University Munich



6-2025 NEWS FROM ROBOTICS AND ARTIFICIAL INTELLIGENCE



MIRMI at automatica 2025: Explore Robotics, AI Demos & a Competition

Get ready to explore more than 25 robotics and AI demos with MIRMI at automatica 2025—spanning healthcare, industry, and beyond. Highlights feature the munich_i Hightech Summit, the Robothon competition, and expert panels on the RIG Stage—providing valuable insights into the future of robotics and intelligent systems.

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more](#)

automatica visitor ticket:

Please use the code below when registering to receive your free one-day visitor ticket.

Code: MIRMI-AISociety25

Link: [Free One Day Pass to automatica](#)

Note: The code can be used multiple times. The one-day ticket grants admission to the trade fair starting at 9:00 AM.



At automatica: Training Robots Remotely

MIRMI researcher Bařak Güleçyüz enables delay-tolerant robot training from afar. The method supports precise learning in surgery, aerospace, and industry.

[Read more](#)

At automatica: Exosuits for Lighter Work

Start-up EASE develops AI-driven exoskeletons to ease lifting tasks. Tested in industry, the systems show strong potential for reducing strain on workers.

[Read more](#)

NUMBER OF THE MONTH

3,200

Robotics graduates

Under the guidance of Prof. Daniel Rixen, around 3,200 students have earned a robotics degree at TUM. With new programs and a growing graduate school, he continues to shape robotics education at MIRMI.

[More information](#)

VIDEO OF THE MONTH



Researchers at the Technical University of Munich (TUM) have developed a wheeled robot that navigates safely and confidently through crowds. The approach could also enhance future autonomous driving systems.

[Video](#)

PAPER OF THE MONTH

ICRA: Rethinking Robot

Programming with Mixed Reality

A TUM team developed a faster, intuitive method to program robots using mixed reality. No coding skills needed – just test, simulate, and deploy.



[Read more](#)

JOB OFFERS

- [Finanz-/Team-Assistenz](#), Robotics Institute Germany (RIG)
- [PhD/Postdoctoral Researcher](#), Robot Motion and Control for Soft Material Handling, MIRMI, TUM



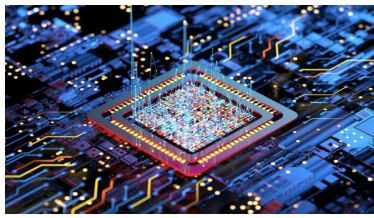
[All job offers](#)

EVENTS

- 7. - 11. July 2025: [Geriatronics Summit](#), Munich Urban Colab, Munich
- 19. - 25. October 2025: [IROS 2025](#) – IEEE/RSJ Int. Conference on Intelligent Robots and Systems, Atlanta, USA
- 9. - 14. September 2025: [IAA Mobility 2025](#), Munich
- 29. September - 1. October 2025: [Bits & Pretzels Founders Festival](#), Munich

[More events](#)

IN THE MEDIA



Forbes: Brain-Inspired AI Chip

Researchers at TUM have unveiled the AI Pro chip, a neuromorphic processor that operates independently of cloud servers and without internet connections.

[Read more](#)



WELT: Removing Plastic Waste with AI

A new collection robot was tested in a Hamburg harbor basin. It is designed to clean the world's oceans of plastic waste using the AI-powered SeaClear 2.0 system.

[Video](#)



DUP: Questions on Care and Robotics

AI systems are rapidly transforming robotics. Prof. Angela Schoellig from TUM's Robotics Institute Germany (RIG) drives this change and boosts international visibility.

[Video](#)



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