

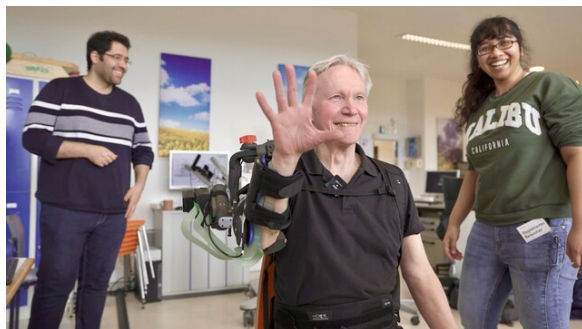
4-2025 NEWS FROM ROBOTICS AND ARTIFICIAL INTELLIGENCE



Eye-Tracking and AI Help with Learning Math

Researchers from the Technical University of Munich (TUM) and the University of Cologne have developed an AI-based learning system that analyzes eye movements via webcam to identify strengths and weaknesses in mathematics. It generates personalized learning suggestions and helps teachers provide individualized support.

[Read more](#)



Fast Recovery After Stroke

TUM researchers have developed a system for early treatment of paralysis. 24 patients have already tested the exoskeleton with electrical stimulation.

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Robot "Jack" Navigates Through Crowds

TUM researchers use sensors and algorithms to safely steer "Jack" through crowds — a groundbreaking technology for robotics and autonomous driving.

[Read more](#)

TUM Startup Takes Third Place

Olive Robotics and TUM Professor Eckehard Steinbach won third place with their olixSense technology at the euRobotics Technology Transfer Award 2025 in Stuttgart.

[Read more](#)

NUMBER OF THE MONTH

110 Chairs

of the Technical University of Munich belong to the Munich Institute of Robotics and Machine Intelligence.

VIDEO OF THE MONTH



In this video, TUM researchers demonstrate how an exoskeleton combined with electrical muscle stimulation helps stroke patients regain mobility in their paralyzed limbs. The system offers promising approaches for rehabilitation.

[Video](#)

AWARD OF THE MONTH

MIRMI Researcher Wins Georg Giralt PhD Award

Erfan Shahriari received the Georg Giralt PhD Award for his dissertation on tactile manipulation. His system is used in Franka robots and for a rehabilitation solution.

[Read more](#)

PICTURE OF THE MONTH



First Humanoid Robot in MIRMI's Lab

Professor Majid Khadiv now has a new humanoid robot in operation. One day, it could help with tidying up or take on tasks that are dangerous for humans.

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JOB OFFERS

- [Wissenschaftlicher Mitarbeiter](#) (m/w/d) for innovation and event management in robotics/AI
- [Officer Communications](#) (m/w/d) for the Robotics Institute Germany (RIG) at the site of the Technical University of Munich (TUM)



[More job offers](#)

EVENTS

- 2. April 2025: [Robothon®](#)
- 19-23. May 2025: [ICRA 2025](#) in Atlanta, US.
- 24-27. June 2025: [Automatica 2025](#)

More
events

IN THE MEDIA



3SAT: Who Rules the World?

A documentary by Swiss journalist Dave Leins, featuring Prof. Angela Schoellig and Prof. Achim Lilienthal (pictured).

Video



Blaue Couch with Angela Schoellig

Angela Schoellig explains to BR host Dominique Knoll how she went from being a math prodigy in school to becoming a professor of robotics.

Podcast



BR: Neuroprosthesis for Stroke

Prof. Klaus Jahn (Schön Clinics Bad Aibling) explains how an exoskeleton and electrical stimulation help stroke patients.

Video



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