

Technical University of Munich (TUM)

MIRMI Newsletter 2023 - March

Community

21. March 2023

[Riddhiman Laha on the dream of a robot](#)

On the one hand, seeing the capabilities of humans, on the other hand, using the strengths of robots: That is the goal of PhD student Riddhiman Laha at the Munich Institute of Robotics and Machine Intelligence (MIRMI).

07. March 2023

[Siemens supports fellowships at the TUM Institute for Advanced Study](#)

Siemens has granted over 2.4 million euros to the Technical University of Munich's Institute for Advanced Study (TUM-IAS) to endow six Hans Fischer Fellowships for international experts to work with TUM scientists on the Industrial Metaverse's development. This digital world will anticipate problems, identify errors and improve processes in areas such as Artificial Intelligence, Computer Simulation, Digitalization, and Robotics. TUM-IAS will use these Fellowships to connect international scientific expertise with TUM's cutting-edge research of the CIT, MDSI, and MIRMI. TUM-IAS Fellows are chosen based on a rigorous international assessment process.

03. March 2023

[Jugend forscht München West 2023 returns as a live event](#)

After two years online, Jugend forscht, Germany's science competition for young talent, is back live. This week, at the regional Jugend forscht München West competition organized by MIRMI, Franka Emika and the Robokind Foundation, 63 young scientists presented 44 exciting and innovative research projects in the seven thematic areas of Jugend forscht, Working world, Biology, Chemistry, Mathematics/Computer Science, Physics, Technology and, for the first time this year, Earth and space sciences.

Events, Calls, and More

20. March 2023

The VDI's German Engineers' Day focuses on Germany's future viability

The German Engineering Day (DIT) 2023, a hybrid event, will take place on May 25. The event will focus on future solutions for people, the environment, and the economy. The conference aims to bring together 7,000 experts from various fields to discuss ways to contribute to an attractive future for Germany. Breakout sessions will cover topics such as hydrogen use, energy, mobility, and new work. The conference will also have four regional hubs in Bonn, Braunschweig, Frankfurt-Höchst, and Munich. The VDI, with over 135,000 members, aims to motivate people to push the limits of possibility and set standards for sustainable innovation.

07. March 2023

Online lecture: Humanoid robots in space travel, industry and care

The use of robots and their collaboration with humans is gaining importance. Alin Albu-Schäffer's lecture focuses on current trends in robotics, including lightweight robots and biologically inspired systems. The compatibility of assistive robots with humans is an important factor in ensuring safe interaction. This requires fast reaction times and real-time sensing of movements and environments. Albu-Schäffer heads the Institute of Robotics and Mechatronics at the DLR and is a professor at the Technical University of Munich.

01. March 2023

Trade fair: intralogistics expertise on three stages

The LogiMAT 2023 is a trade fair for intralogistics taking place from April 25th to 27th at the Stuttgart Trade Fair Center. The exhibition's framework program includes 15 lecture series, informative exhibitor presentations, and live events in the exhibition halls and outdoor grounds. The range of information events offered reflects current concepts, technologies, and challenges for efficient intralogistics. Key topics include sustainability, robotics, networking, as well as digitalization and automation. The LogiMAT specialist forums will be held in a central location in the Atrium in the LogiMAT Arena, offering simultaneous translation in English.

Recommended Readings, Videos, and Podcasts

AI News Roundup | AI Advancements: Google and Microsoft, Germany's healthcare robots, and AI in the workplace

By money control (27. March 2023)

Artificial intelligence: Hoping for the error in the system

By Harry Nutt / Berliner Zeitung (B) (22. March 2023)

AI must not replace human decisions

By Rheinische Post (RP) (20. March 2023)

[Lacking health workers, Germany taps robots for elder care - France 24](#)

By AFP (19. March 2023)

[AI, the next wave: What comes after Chat GPT-4?](#)

By iBusiness (15. March 2023)

[AI in crafts: companies as innovation drivers](#)

Sarah Höger / Bayerischer Rundfunk 24 (BR24) (07. March 2023)

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