

Technical University of Munich (TUM)

MIRMI Newsletter 2022 - June

Dear community,

The countdown is on! In 6 days munich_i at automatica will start. We would like to help you organize your time and make the most out of your visit to the best automation trade fair in the world by making available for you the [munich i program timetable for next week \(21. - 24. June\). Download it here!](#)

If you haven't registered for the fair, don't worry, you still have time to get a free day ticket by [redeeming a voucher here](#) with the code **AIsocietyauto22**, and meet decision-makers, top scientists, and business leaders at the Hightech Summit by [purchasing your ticket here](#). In addition to munich_i, the MIRMI team has compiled news on award winners, upcoming competitions, and several exciting videos about TUM projects and relevant interviews in the field of robotics and machine intelligence.

Have fun reading and watching! We look forward to meeting you at the munich_i exhibition next week!

Best regards,
MIRMI Communications Team

Community

07. June 2022

[munich i and the future of intelligent machines](#)

International talks and presentations at the high-tech summit, demonstrations of some 30 practical applications created by startups and in current research projects at the Technical University of Munich (TUM), AI.Society panel discussions, and Robothon®, a competition for young AI and robotics talent: munich_i is a high-tech platform being held under the auspices of the automatica trade fair from June 21–24 2022. It will show how humans and machines are converging – and provide fuel for debate, for example on the essential steps on the road ahead, especially for the international networking of various research avenues and the high-tech industry.

03. June 2022

[Saving Resources with Precision Agriculture](#)

Using smart sensor and measurement techniques to make farming more efficient and sustainable is the goal of a team of researchers at TUM.

02. June 2022

[The TUM IEAI awards €1.3 Million for new projects on AI Ethics](#)

The IEAI has awarded over €1.3 Million over the next three years to fund seven new projects on AI Ethics! With these new projects, the TUM Institute for Ethics in Artificial Intelligence welcomes 15 new Principal Investigators from the Technical University of Munich, as well as external partners from the Ulm University,

Prairie – PaRis Artificial Intelligence Research Institute, and Berkman Klein Center for Internet & Society at Harvard University, among others. All of these projects combined academic expertise from multiple fields to approach challenges related to implementing AI responsibly and effectively.

02. June 2022

[Startup Ebenbuild wins the digital health category at EIT Health Catapult 2022!](#)

Following many years of research at the Technical University of Munich, the start-up Ebenbuild won the digital health category at EIT Health Catapult 2022. The company aims to use AI software to generate unprecedented data on patients' lungs and provide tailored therapy to treat acute respiratory distress syndrome (ARDS). The pioneers behind this company are Dr. Kei Müller, Dr. Jonas Biehler, Prof. Wolfgang Wall, and Dr. Karl-Robert Wichmann.

31. May 2022

[TUM/MIRMI's innovations featured on the EU-Innovation Radar](#)

The Innovation Radar of the European Commission (EC) featured four new innovations developed in various TUM / MIRMI projects in April and May 2022. The Innovation Radar platform builds on the information and data gathered by independent experts, who review the innovations in ongoing projects funded by the European Commission and provide an independent opinion on their market potential. The independent assessment of the market potential of a publicly funded project aims to connect innovators with investors and maximize funding opportunities for European tech entrepreneurs.

30. May 2022

[Veronika Spieker is honored with the 1st place MedtecLIVE Talent Award 2022](#)

As part of her M.Sc. in Medical Technologies at TUM, Veronika Spieker conducted her master thesis on the design, implementation, and experimental validation of upper-limb prostheses at MIRMI. The MedtecLIVE Talent Award is supported by a top-class jury consisting of representatives from industry and research. Learn more about her story.

[Events, Calls, and More](#)

6. - 15. July 2022

[Global Challenge Lab 2022 | UN SDG 13: Climate Action](#)

TUM is joining the **Global Challenge Lab 2022**, featuring 10-days of online workshops, guest speakers, and expert mentoring to help you hack innovative solutions to the world's most pressing problems. This year, participants will be working to achieve **UN SDG 13: Climate Action**, in partnership with students from 14 universities across the world. **Students from all disciplinary backgrounds are encouraged to join!** Participants can win a share of **£10K prize fund**. Places are limited so register as soon as possible. The registration deadline is 01. July 2022.

Recommended Readings and Videos

[Leuchtturmprojekt KI-Herzzentrum - Video](#)

By Deutsche Herzzentrum München (DHM) and Munich Institute of Robotics and Machine Intelligence (MIRMI)

[You Can't Have AI Both Ways: Balancing Health Data Privacy and Access Fairly](#)

By Marieke Bak, Vince Istvan Madai, Marie-Christine Fritzsche, Michaela Th. Mayrhofer and Stuart McLennan

[TUM Industry Engagement Program - Video](#)

By TUM

[5+1 Roboter-Klischees und was dahinter steckt - Video](#)

By MDR WISSEN

Give us feedback

Your feedback is important to us. Let us know if you have comments or recommendations at community@mirmi.tum.de

Looking for a challenge?

Join the MIRMI team! Have a look at our job offers, internships, and more at [Career opportunities](#)

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