

Technical University of Munich (TUM)

MIRMI Newsletter 2022 - September

Community

28. July 2022

[Open call for MIRMI Seed-Funds – Round 2 until 15.Oct.2022](#)

Are you a MIRMI Principal Investigator? Apply for MIRMI Seed Funds by 15.October.2022! The Institute will cover 50% of up to two (post)doctoral researchers for up to 6 months duration. The funding aims to foster further innovative, ambitious research ideas and cooperation within the Institute by supporting the kick-start of proposals in the field of robotics and machine intelligence. Successful applications are expected to result in composing joint publications or acquiring external funding.

09. September 2022

[Mechatronic systems: Tracking down lazy compromises](#)

Fandi Bi received several awards for her master's thesis. The topic at the time was to identify lazy compromises in companies producing mechatronic systems - the so-called technical debt (TD). In her doctoral thesis, the scientist from Prof. Birgit Vogel-Heuser's Department of Automation and Information Systems at the Technical University of Munich (TUM) is now working on systematically resolving them.

08. September 2022

[How industry and universities learn from each other](#)

With more than 60 Principal Investigators (PIs), the Munich Institute of Robotics and Machine Intelligence (MIRMI) is probably the largest center of its kind in Europe today. Excellence and cutting-edge research is the hallmark of TUM's first integrated research institute (IRI), which is oriented towards the major challenges of our time and is characterized by collaboration between all relevant chairs, companies and organizations. Members from the university council and professorial body also brought in ideas from industry on how this goal could be achieved. Questions for the Chairman of the Industry Advisory Board at MIRMI, Prof. Edward G. Krubasik.

25. August 2022

[euROBIN: MIRMI researches manufacturing in the circular economy](#)

In the recently launched EU-funded Horizon project euROBIN, the Munich Institute of Robotics and Machine Intelligence (MIRMI) is coordinating the work package „Robotic Manufacturing for a Circular Economy ". In addition, MIRMI's Robothon Grand Challenge idea is being expanded to cooperate with euROBIN's yearly Robotic Challenges. The Chief of Science at MIRMI Dr. Utku Culha about the tasks of the researchers at the Technical University of Munich (TUM).

Events, Calls, and More

01. September 2022

[Register now to the robo.innovate hackathon to solve real-world challenges with robotics!](#)

Robo.innovate and the MakerSpace will host an exciting opportunity for all robotics enthusiasts to solve real-world challenges in Munich starting in October! From 06. October on, interested students and professionals have the chance to gather in teams and address challenges from renowned companies like Continental and start-ups like Omegga. After a joint kick-off on 06. October, teams get four weeks, hardware and software as well as extensive support from experts to conceptualize and prepare a robotics solution that they can physically implement in a three days hackathon in the Munich Urban Colab from 4. – 6. November. Sounds interesting? Check out our website for more details. Spread the word and register until 01. October!

Recommended Readings, Videos, and Podcasts

[Geriatronics Summit brought together international scientists in Grainau](#)

By Merkur (30. August 2022)

[Unique opportunity for Garmisch-Partenkirchen: Campus project combines care, living, research and teaching](#)

By Merkur / Franziska Pawel (19. August 2022)

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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