MSRM

Munich School of Robotics and Machine Intelligence
Technical University of Munich
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MSRM Monthly

Our latest research and insights

July 15, 2021

Premiere of the Environment sector: Reducing environmental pollution with intelligent robot networks

In addition to the future of work, health, and mobility, MSRM PIs are researching future-oriented technologies and their applications for the future of our environment. To this end, Prof. Jia Chen, Prof. Timo Oksanen, Prof. Sami Haddadin, Prof. Markus Ryll, Prof. Stefan Leutenegger, and their teams showed for the first time joint prototypes of how AI and intelligent robots could be used for sustainable agriculture and environmental monitoring at Die Neue Sammlung - The Design Museum in Munich. Their research opens possibilities in the direction of a home office workplace for farmers. State Minister for Science and Art Bernd Sibler, and TUM President Prof. Thomas Hofmann attended the demonstration.

#ENVIRONMENT #ROBOTICS #AI

Read full story→

Cornerstone laid for Artificial Intelligence-based factory KI.FABRIK

The State of Bavaria is supporting the Technical University of Munich (TUM) and a consortium of industrial partners with a total of 15 million euros in their efforts to develop the first prototype of an artificial intelligence-based factory ("KI.FABRIK") in Bavaria by 2030. Multifunctional, highly sensitive robots will use Artificial Intelligence (AI) to co-work with humans both directly and over long distances. Bavarian Deputy Minister-President and Minister of Economic Affairs Hubert Aiwanger participated in the robot-supported laying of the KI.FABRIK cornerstone at Munich's Deutsches Museum. The ceremony was part of the BR24 broadcast on 23.06.2021.

#AI #WORK

Watch the ceremony →

Read press release →

Learn more →

Recorded sessions of munich_i are available online until July 23!

automatica sprint and munich_i successfully premiered together from June 22 to 24, 2021: There was consistently positive and sometimes enthusiastic participant feedback on the new digital format in the automatica portfolio and the globally unique munich_i Hightech-Summit on robotics and artificial intelligence (AI). Over 3,500 participants from the robotics and automation industry took the opportunity to exchange ideas and network online at automatica sprint—and to digitally immerse themselves in the world of AI and robotics at munich_i.

Get free access to automatica sprint and munich_i with this ticket code:

munich_i_sprint21

#MUNICH_I #AUTOMATICASPRINT
#ROBOTICS #AI

Enter ticket code here →

Joining forces to shape the 6G future

The Technical University of Munich (TUM) and the Technical University of Dresden (TUD) are creating a 6G research hub. The Federal Ministry for Education and Research (BMBF) is providing 70 million euros in funding for 6G-life, a joint project of the two Excellence Universities. 6G-life will develop technologies for the new wireless communications standard and make an important contribution to Germany's digital sovereignty. The MSRM will play a will play an integral role in the 6G-life.
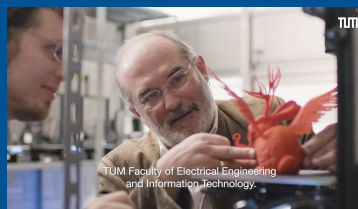
#AI #RESEARCH

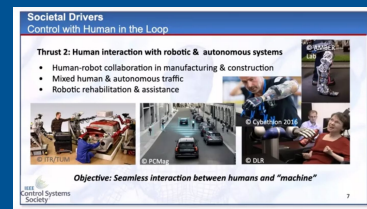**Learn more →**

Additional insights from MSRM

MSRM and ICL Robotics Forum strengthen strategic partnership in robotics and machine intelligence

More information →

Prof. Klaus Diepold is honored with the TUM Start-up Mentor of Excellence Award 2021!

Watch full story →

Prof. Hirche discusses Control with Human-in-the-Loop at the IEEE CSS Workshop on Control for Societal-Scale Challenges

Watch the discussion →

Learn more about MSRM →

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