

MSRM Monthly

Our latest research, insights, and events

June 14, 2021



munich_i – the new high-tech platform – debuts at automatica sprint from 22-24 June 2021!

Take advantage of this unique opportunity to get in touch and to exchange ideas with fellow roboticists, scientists, entrepreneurs and pioneers! Reknown thought leaders and personalities from AI and robotics will come together to share their experiences and newest technologies.

Bavarian Minister-President Dr. Markus Söder is patron of munich_i, which was initiated as a joint project of Messe München, automatica and MSRM of TUM.

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 →



munich_i combines four exciting parts!

• Hightech Summit | 22 June 2021 from 9:00 am – 7:00 pm CET

AI and robotics conference with 20 internationally renowned speakers.

• AI.Society | 22-24 June 2021

Up to 30 groundbreaking projects from TUM, start-ups as well as partners from greater Munich area will present their innovations in a digital showroom and live stream sessions.

• Robothon® -The Grand Challenge | 22 June 2021 12:45 p.m. – 1:15 p.m. CET

Robothon® Award Ceremony with a prize money of € 20,000, sponsored by HUAWEI.

• Robot driver's license | 22-24 June 2021 at 2:00 p.m. CET for kids, 4:00 p.m. CET for adults

In this 90-minute online workshop run by Robokind Stiftung, kids and adults test their newfound knowledge on a state-of-the-art robotic arm from FRANKA EMIKA.

#MUNICH_I #AUTOMATICASPRINT
#ROBOTICS #AI

Register here →



The future starts now: Laying the foundation stone for the first KI.FABRIK in Bavaria on June 23, 2021.

KI.FABRIK aims to become a fully flexible and networked location for local, crisis-proof and economical production of the most modern IT and mechatronic high-tech components in Bavaria. Take part digitally when MSRM of TUM with State Minister Hubert Aiwanger and State Minister Bernd Sibler together with well-known partners lay the foundation stone (Event in German).

#KI.FABRIK #DEUTSCHESMUSEUM #AI
#ROBOTICS #FUTUREOFWORK

[Register here →](#)



28 June – 02 July, 2021: Join the online workshop with ICL Robotics Forum

This workshop will bring together principal investigators from the Munich School of Robotics and Machine Intelligence – MSRM (TUM) and the Robotics Forum (Imperial College London) to strengthen and build new collaborations in robotics through 5 days of presentations, panel discussions, and networking sessions. The event is open to Imperial College and TUM PIs. Postdocs and PhD students from both institutions are also very welcome to attend days 1 – 4.

#ROBOTICS #TUMGLOBAL

[Register now →](#)



Rudolf Mößbauer Colloquium with Prof. Hendrik Dietz

Save 16.June.2021 from 15:00 - 16:00!
Prof. Hendrik Dietz, winner of the
Leibniz-Preis 2015, will give the online
talk titled "Virus traps and other
molecular machines of the future". The
Max Planck Institute for Medical
Research hosts the Colloquium.

#AI #FUTUREOFHEALTH

[Register now →](#)

So helfen uns Roboter b...



We can solve the nursing emergency with robots

When we are old, who takes care of us?
Because in 30 years the demographic
change will be in full swing: 6.1 million
people in Germany who need to be
cared for and too few people who look
after them. We need a solution! One
option are robots in care. Watch how
the MSRM Geriatrics team develops
robots that could support and relieve the
nursing staff.

#FUTUREOFHEALTH #ROBOTICS #AI

[Watch documentary →](#)

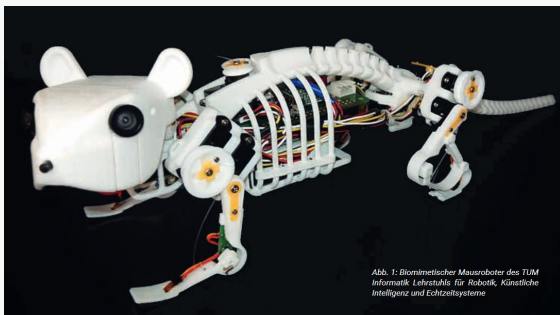


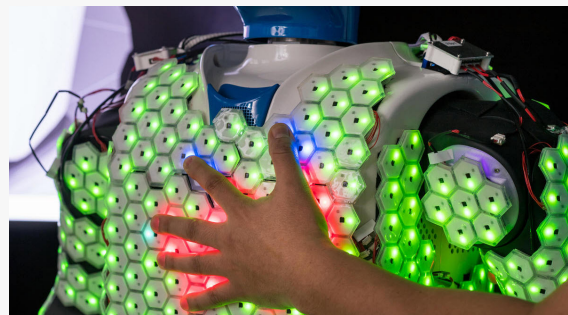
Abb. 1: Biomimetischer Messroboter des TUM
Informatik Lehrstuhls für Robotik, Künstliche
Intelligenz und Echtzeitsysteme

Robotics at a glance. From the revolution in automation technology to the reinvention of brain research.

Professor Alois Knoll explains in few
words the fundamentals of modern
robotics. From its origin history and
conceptual classification to its
transformations in the age of AI and the
cloud, as well as new perspectives for
robotics and AI applications.

#ROBOTICS

[Learn more →](#)



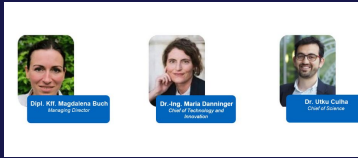
Making skin for robots is hard. But success could bring huge benefits for humans, too

Discover how Gordon Cheng, professor
of cognitive systems at the Technical
University of Munich (TUM), was
inspired by the human biological system
to create artificial skin 'cells' that cut
power consumption by 90% to provide
robots with tactile feedback.

#ROBOTICS

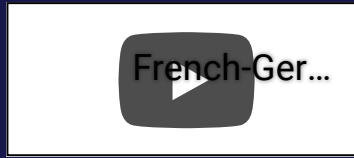
[Learn more →](#)

Additional insights from MSRM



The MSRM welcomes
new Managing Director
and Scientific
Coordinator!

Meet our team! →



Did you miss the French-
German Machine
Learning Symposium?

Watch it here →



Free online course on
ethics in AI for students,
researchers and
managers.

Learn more →

Learn more about MSRM →

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