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Presseinformation

Premiere at automatica *sprint*

The munich_i high-tech platform's attractions

- Science meets industry and business at the high-tech summit
- AI.Society showcases demonstrations of artificial intelligence and robotics in everyday life
- Robothon® developer competition identifies experts of tomorrow

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munich_i – the newly created platform for robotics and artificial intelligence (AI) – will celebrate its premiere at automatica *sprint* from June 22 to 24, 2021. In addition to the high-tech summit, munich_i also features the special AI.Society area as well as the Robothon® developer competition and the robot driver's license. All elements are presented in a digital format.

For the joint project of munich_i, Messe München and the Munich School of Robotics and Machine Intelligence (MSRM) at the Technical University of Munich (TUM) work in close cooperation. According to Falk Senger, Managing Director Messe München and responsible for automatica, this cooperation is a valuable contribution to social dialog: "The munich_i high-tech platform provides answers to relevant questions about responsible technological change and the use of AI and robotics in everyday life. That's why we are very pleased to introduce munich_i as part of automatica, i.e. this year's automatica *sprint*."

munich_i high-tech summit connects science and business

The high-tech summit on June 22 is the centerpiece of munich_i. Under the slogan "intelligence empowering tomorrow", experts from science and business will exchange ideas on the interaction of human and artificial intelligence in the areas of work, health and mobility.

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Assistive robots and cobots with artificial intelligence will support people in the future. But how will such solutions change our work environments? What can we expect to see in hospitals and geriatrics ten years down the line?

Prof. Alena Buyx, co-directing *munich_i* together with Prof. Sami Haddadin, emphasizes the importance of ethical aspects in this context: “AI technology must be ethically and socially responsible and benefit both individuals and communities. To ensure that, ethics should be made an integral part of the research process. Sensible future regulations should also help realize potential and exploit opportunities while ensuring responsible implementation and risk minimization.”

In the sessions “Assisting the human”, “Connected world”, “Beyond human spaces”, “Building intelligence” and “Interaction of humans and robots”, renowned scientists and acclaimed industry representatives will provide insights into the latest technological developments and future standards. Speakers include:

- Dr. Hannes Ametsreiter, CEO Vodafone Germany
- Prof. Jeannette Bohg, Stanford University
- Prof. Dr. Jürgen Grotepass, CSO Huawei Technologies Germany
- Prof. Dr. Marco Hutter, ETH Zürich
- Prof. Yoshihiko Nakamura, University of Tokyo
- Gurdeep Singh Pall, Corporate Vice President Microsoft USA
- Dr. Reinhard Ploss, Chairman of the Management Board Infineon Technologies

AI.Society showcases lighthouse projects and examples of artificial intelligence and robotics in the areas of work, health and mobility

The virtual AI.Society exhibition area clearly shows just how much AI and robotics have already become an integral part of everyday life. Around 30 use cases from TUM chairs, start-ups and partners from the greater Munich area will show real-life applications from June 22 to 24. This will give the general public access to these key technologies: How can we use AI and robotics to make our

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everyday work easier, safer and more productive in the future? Does embodied AI have the potential to optimize or even revolutionize assembly and production through applications at the interface between adaptive algorithms and machines? How can we use AI and robotics to meet today's great challenges in the areas of health, mobility and work?

Robothon® developer competition identifies experts

munich_i initiates the Robothon® developer competition to ensure that creative minds will continue to work on innovative ideas for artificial intelligence and robotics. Initiator and munich_i Director Prof. Sami Haddadin explains the underlying motivation: "With their countless deployment scenarios and applications, robotics and machine intelligence are key components of our sustainable future. Our goal can only be to derive benefits from this technology across the entire value chain to the advantage of both society and the economy in Germany."

In the run-up to automatica *sprint*, teams spend a month working on a current industry challenge in the fight against environmental pollution: How can the issue of dismantling and sorting electronic waste be solved and simplified using a robot? An independent panel of judges from science and business will award the winners on June 22 within the framework of the munich_i high-tech summit.

Robot driver's license – the online workshop for young and old

As part of munich_i 2022, interested individuals can program a robot on site and obtain the munich_i robot driver's license. There will be an interactive online workshop this year to provide a foretaste of this. Contents: an introduction to the world of robotics, practical exercises and demonstrations using current application examples. The workshop will be offered twice daily between June 22 and 24. Advance registration required, the number of participants is limited.

Registration will be possible from the beginning of June at automatica-munich.com.

Participation in munich_i, consisting of the high-tech summit, the AI.Society virtual exhibition area as well as the Robothon® award ceremony and the robot

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driver's license is included in the ticket for visitors to the automatica *sprint* digital platform. The event will be held in English.

Further information on [munich_i](#) with more details on the four elements as well as an overview of the program and speakers at the high-tech summit is available online.

About automatica and automatica *sprint*

automatica is the world's leading marketplace for automated smart production. It is the trend setting event for companies from all industry sectors, providing access to innovations, knowledge, and trends with a high degree of business relevance. automatica focuses and shapes the transformation of industrial production – from automated to autonomous facilities. Messe München GmbH and VDMA Robotics + Automation, conceptual sponsor of the trade fair, are behind the industry-driven concept of automatica.

The community is counting on automatica to provide an attractive marketplace and a workable solution in these times of the pandemic. Therefore, a new event concept, adapted to the conditions of the Covid-19 era, has been developed together with all stakeholders for June 22–24, 2021: automatica *sprint*. The regular automatica takes place every two years and is usually held in Munich in June. The next automatica will take place in Munich from June 21 to 24, 2022.

Messe München

Messe München is one of the world's leading networking platforms. In reflection of the claim "Connecting Global Competence", Messe München acts as a global networking platform and brings together decision-makers from all parts of the world. Messe München's portfolio comprises more than 50 trade fairs for capital and consumer goods as well as new technologies that focus on the latest topics relevant to society. These include the world-leading trade fairs bauma, BAU, IFAT and ISPO Munich. The roughly 200 events organized by Messe München each year attract about 50,000 exhibitors and 3 million visitors.

Messe München has one of the most modern exhibition grounds in the world. With its four locations in Riem, the ICM – Internationales Congress Center München, the MOC Veranstaltungszentrum München, and the Conference Center Nord, Messe München is able to fulfill all its customers' individual requirements. Messe München is very successful in both in its domestic market in Munich and around the globe. The company is active in all important growth markets: China, India, South Africa, Brazil, Russia and Turkey. Overall, Messe München, with its network of affiliated companies and foreign agencies, is present in more than 100 countries.