

Session Program

Oct 6 - 8, 2021



Scientific Conference & DGR Days

Keynotes

Wed, October 6

10:00 AM

Keynotes: Talk: Personal Digital-Twin and Data Science

Session | Location:

10:00 – 11:00 **Personal Digital-Twin and Data Science**

Speaker

Yoshihiko Nakamura

11:00 AM

11:00 AM

Keynotes: Talk: From AI in Robotics to AI in Finance: Examples and Discussion

Session | Location:

11:00 – 12:00 **From AI in Robotics to AI in Finance: Examples and Discussion**

Speaker

Manuela Veloso

12:00 PM

12:00 PM

Keynotes: Robots: Perceiving, interacting, collaborating

Session | Location:

12:00 – 13:00 **Robots: Perceiving, Interacting, Collaborating**

Speaker

Danica Kragic

1:00 PM

2:00 PM

Keynotes: Breaking the Wall to Collective Learning: How AI and Networked Robotics can Kickstart Machine Evolution

Session | Location:

14:00 – 15:00

Breaking the Wall to Collective Learning: How AI and Networked Robotics can Kickstart Machine Evolution

Speaker

Sami Haddadin

3:00 PM

4:00 PM

Keynotes: Probabilistic and Deep Learning Approaches for Robot Navigation and Autonomous Driving

Session | Location:

16:00 – 17:00

Probabilistic and Deep Learning Approaches for Robot Navigation and Autonomous Driving

Speaker

Wolfram Burgard

5:00 PM

5:00 PM

6:00 PM

Keynotes: Gaul-Lecture

Session | Location:

17:00 – 18:00

Gaul-Lecture - Causality and Autoencoders in the Light of Drug Repurposing for COVID-19

Speaker

Caroline Uhler

Thu, October 7

10:00 AM

Keynotes: Robotics and Phenotyping for Sustainable Crop Production

Session | Location:

10:00 – 11:00

Robotics and Phenotyping for Sustainable Crop Production

Speaker

Cyrill Stachniss

11:00 AM

11:00 AM

Keynotes: Developing AI for B2B applications

Session | Location:

11:00 – 12:00

Developing AI for B2B Applications

Speaker

Daniel Dahlmeier

12:00 PM

4:00 PM

Keynotes: Keynote Fischer (more information will follow)

Session | Location:

16:00 – 16:45

Legal Aspects of (General) AI

Speaker

Hans-Jörg Fischer

4:45 PM

4:45 PM

Keynotes: Keynote

Session | Location:

16:45 – 17:30

Moral Emotions and the Promises and Risks of Artificial Intelligence

Speaker

Sabine Roeser

5:30 PM

Fri, October 8

10:00 AM

Keynotes: Machine Learning is Not Intelligence
Session | Location:

10:00 - 11:00 **Machine Learning is Not Intelligence**

Speaker
Oliver Brock

11:00 AM

11:00 AM

Keynotes: xAI - Is This the Future of AI-Software Testing?
Session | Location:

11:00 - 12:00 **xAI - Is This the Future of AI-Software Testing?**

Speaker
Khanlian Chung

12:00 PM