

Scientific Symposium

Friday | September 3, 2021 | 9 a.m.
Coronation Hall | City Hall | Market

Professor Thrun will be presented with the Aachen Engineering Award for his visionary work and groundbreaking contributions to artificial intelligence. In addition to the award ceremony, a symposium will be held in which Thrun and four other experts in the field will showcase current research in various different areas of AI. The symposium thus provides a forum for scientific and technological exchange in an impressive historical setting.

Speakers:

Prof. Sebastian Thrun (Stanford University, Google)
Prof. Barbara Hammer (Bielefeld University)
Prof. Max Welling (University of Amsterdam)
Prof. Cyrill Stachniss (University of Bonn)
Prof. Holger Hoos (Leiden University)

The symposium is hosted by the RWTH Center for Artificial Intelligence. The AI Center has been launched to pool AI expertise and strengthen the wide range of AI research underway at RWTH. The University conducts internationally competitive basic research on AI methods. AI researchers collaborate widely within the University and beyond, contributing to applications in many fields. The AI Center coordinates these activities and serves as point of contact for AI topics both within RWTH and for potential industry and research partners.

<https://ai.rwth-aachen.de>

Dear Visitors,

Artificial intelligence will impact our daily lives in a variety of ways. This series of events, organized in collaboration with RWTH's AI Center, aims to provide you with insights into ongoing AI research and to highlight future perspectives – all in a format that is entertaining, easily comprehensible, and invites critical reflection and dialogue.

Attendance at all of the events is free of charge, however, you must register beforehand. Additionally, the University plans to live-stream the events on RWTH's YouTube channel. We ask for your understanding that the University may be forced to adapt the concept of the event in compliance with the Coronavirus Protection Ordinance in effect in September.

We are looking forward to you joining us!
The RWTHextern Citizens' Forum

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Registration:

www.rwth-aachen.de/Lesung
www.rwth-aachen.de/UniRathaus
www.rwth-aachen.de/KIKompakt

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Our Future – Powered by Artificial Intelligence

In collaboration with the RWTH AI Center, RWTHextern Citizens' Forum offers talks and discussions on the occasion of the Aachen Engineering Award ceremony for Professor Sebastian Thrun



Reading and Discussion

Tuesday | August 31, 2021 | 6:00 p.m.
H03 | C.A.R.L. | Claßenstraße 11

Raphaela Edelbauer (author) reads from DAVE – a novel about the past, present, and future of artificial intelligence and discusses these ideas with a specialist researcher. What does it take to endow a machine with human consciousness? Nothing interests protagonist Syz, a programmer, as much as this question! But when he looks behind the scenes of the laboratory, his unquestioning belief in technology begins to waver. What purpose does DAVE really serve and who will benefit from it?

Raphaela Edelbauer, born in Vienna, studied Language Arts (Creative Writing) at the University of Applied Arts Vienna.

She was awarded the Audience Prize in the Bachmann Competition, the Theodor Körner Prize, and the Sponsorship Prize of the Doppelfeld Foundation.

The event will be moderated by Univ.-Prof. Dr. rer. nat. Astrid Rosenthal-von der Pütten.



<https://www.raphaelaedelbauer.com/index>

Uni at City Hall – AI and Me

Wednesday | September 1, 2021 | 7:30 p.m.
Coronation Hall | Aachen City Hall | Market

Where and how do we already encounter artificial intelligence in our everyday lives? At home, on the street, out shopping? And how will AI influence our everyday lives in the future? For example, in self-driving cars and medical care? And where are the limits? These will be the topics of this panel discussion.

Panelists:

- Prof. Dr. Holger H. Hoos
Universiteit Leiden (NL) Machine Learning
- Member of the Bundestag Dr. Anna Christmann,
Committee on Education, Research and Technology
Chairwoman of the Enquete Commission on
Artificial Intelligence
- Univ.-Prof. Dr. sc. techn. Bastian Leibe
Chair of Computer Science 13 (Computer Vision)
Assistive Systems and Robots for Everyday Life
- Univ.-Prof. Dr. techn. (TUG) Markus Strohmaier Chair
for Methodology and Theory of Computational
Social Sciences and Humanities at RWTH

The event will be moderated by WDR journalist Jens Tervooren.

Uni at City Hall is a series of events organized by the City of Aachen and RWTH Aachen University. This offer is intended for all interested residents of Aachen. Highly topical issues are addressed with renowned experts from science and society in dynamic panel discussions.

AI in Compact Form

A total of 9 short presentations show the many different facets of artificial intelligence

Thursday | September 2, 2021 | 6:00 p.m.
Large Lecture Hall | Audimax | Wüllnerstraße 9

AI permeates our everyday lives and offers great potential in many different areas that will shape our society in the future. RWTH has integrated the many research and application fields in the new AI Center. This evening will provide an entertaining insight into all of the many disciplines that deal with AI.

Participating Experts:

- Univ.-Prof. Dr.-Ing. Max Christian Lemme
AMICA – Advanced Microelectronic Center Aachen
- Univ.-Prof. Gerhard Lakemeyer, Ph.D.,
Knowledge-Based Systems
- Univ.-Prof. Professor h. c . Dr. h. c. Dr. ir. Wil van der Aalst,
Process and Data Science
- Univ.-Prof. Dr. Sebastian Trimpe Data Science
in Mechanical Engineering
- Univ.-Prof. Dr.-Ing. Verena Nitsch Industrial Engineering and
Ergonomics
- Prof. Dr. rer. nat. Abigail Morrison Neural Computation
- Univ.-Prof. Dr. sc. Techn. Bastian Leibe Data-Driven
Methods in Visual Computing
- Prof. Michael Thomas Schaub, Ph. D. Computational
Network Science
- Univ.-Prof. Dr. med. Fabian Kießling
Institute of Experimental Molecular Imaging