



NEULAND INNOVATION DAY 2021

PROGRAM

ALL DAY
DIGITAL EXHIBITION
Technology booths, start up booths, information booth, technology offerings exhibition, virtual bar tables for networking

9:00 – 9:15

Official Welcome

Prof. Thomas Hirth, Ph.D. (Vice President for Innovation and International Affairs, KIT)
Thomas Schneider, Ph.D. (Managing Director Development, TRUMPF Werkzeugmaschinen GmbH + Co. KG)
Host: Katrin-Cécile Ziegler

SLOT 1

| | TECHNOLOGY | START UPS | PARTNER OFFERINGS | PARTNER OFFERINGS |
|--------------|--|---|--|---|
| 9:15 – 10:00 | <p>With innovation for more resilience – Requirements, ambivalences and perspectives Prof. Armin Grunwald, Ph.D. (ITAS)</p> | <p>Offers of KIT-Gründerschmiede and Deep Tech Hub Thomas Neumann (Head of Foundations and Investments Innovation and Relations Management, KIT)</p> | <p>Cars, Bytes and Bosch Matthias Klauda, Ph.D. (Member of the Divisional Board Development Cross-Domain Computing Solutions, Robert Bosch GmbH) & Prof. Thomas Kropf, Ph.D. (Chairman of the Board of Management Corporate Sector Research and Advance Engineering, Robert Bosch GmbH)</p> | <p>innovationX – future is NOW KIT and SAP Science & Technology Katrin Redmann (Executive MSc, Global Lead Innovation Portfolio SAP Next-Gen)</p> |

10:00 – 10:15

Break

SLOT 2

| | TECHNOLOGY | START UPS | PARTNER OFFERINGS | PARTNER OFFERINGS |
|---------------|--|--|--|---|
| 10:15 – 11:00 | <p>Quantum Computing from science to application „Quantum Computers in the present – The current state of research“ Prof. Wolfgang Wernsdorfer, Ph.D. (PHI) „Simulations for the future - Quantum Computers in materials research“ Michael Marthaler, Ph.D. (CEO, HQS GmbH)</p> | <p>Pitch Training „How to present online“ Tamara Böhm (Training Consultant, EXPLAIN GmbH)</p> | <p>Industrial digitalization – The way to a sustainable economy Marco Ulrich, Ph.D. (Head of Department Software Technologies, ABB AG Research Center Germany) Kai König, Ph.D. (Senior Scientist Optimization & Control, ABB AG Research Center Germany)</p> | <p>Pandemic Learnings Prof. Marianne Reeb, Ph.D. (Head of Society & Mobility PIONEERING, Mercedes-Benz AG)</p> |

11:00 – 11:15

Break

11:15 – 12:15

Sensor Intelligence: Driver of the digital transformation

Robert Bauer, Ph.D. (Chairman of the Executive Board, SICK AG)

Innovation Award Ceremony NEULAND

Awarding of the winners in the categories Idea Award and Transfer Award

12:15 – 1:30

Break

1:30 – 2:30

FOUNDER PITCH LIVE

2:30 – 2:45

Break

SLOT 3

| TECHNOLOGY | START UPS | PARTNER OFFERINGS | PARTNER OFFERINGS |
|--|---|--|--|
| <p>Learning from crises: Our path to sustainability Prof. Johannes Orphal, Ph.D. (Division Manager Division IV KIT)</p> | <p>Empowering German start ups to scale globally Lena Esseln (Startup Scout & Advisor, German Accelerator)</p> | <p>Gravity Challenge – How Deloitte joins the space economy Jil Hammerschmidt (Senior Manager & Co-Lead Innovation, Deloitte)</p> | <p>ZEISS ZX1 – Innovation in a mature market Ulrich Wagemann (Director Digital Imaging Devices, Carls Zeiss AG)</p> |

3:30 – 3:45

Break

SLOT 4

| TECHNOLOGY | START UPS | PARTNER OFFERINGS | PARTNER OFFERINGS |
|---|---|---|--|
| <p>Innovation Campus Mobility of the Future Sandra Kauffmann-Weiß, Ph.D. (Eng.) (Managing Director Innovation Campus Mobility of the Future, KIT)</p> <p>Research for drives of the future Prof. Nejila Parspour (IEW, University of Stuttgart)</p> <p>Productivity and adaptability – Contradiction or value creation paradigm in the age of Industry 4.0 Prof. Gisela Lanza (WBK, KIT)</p> | <p>A path towards resilient entrepreneurial ecosystems: Insights from current research Ralph Henn (EnTechnon, KIT)</p> | <p>Scalable AI in industrial applications Dr. Michael May (Head of Company Core Technology Data Analytics & AI, Siemens Technology)</p> <p>To smart factory through combination of multisensor technology and AI Dr. Johannes Barth (Innovation Manager and Intellectual Property, Siemens Digital Industries Process Automation)</p> | <p>What connects KIT, the capital market and mechanical engineering? Thomas Schneider, Ph.D. (Managing Director Development, TRUMPF Werkzeugmaschinen GmbH + Co. KG) & Univ.-Prof. Sven Matthiesen, Ph.D. (IPEK, KIT)</p> |

4:30 – 4:45

Break

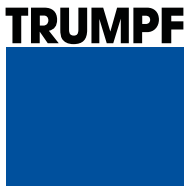
4:45 – 6:00

**„Thought locally - delivered globally:
How tomorrow’s products emerge from collaborations“**
Thomas Schneider, Ph.D. (Managing Director Development, TRUMPF Werkzeugmaschinen GmbH + Co. KG)

Award ceremony founder pitch
Awarding of the winners from the live pitch at noon

Farewell

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The event is supported by the Ministry of Economics, Labor and Housing Baden-Württemberg.