

We cordially invite you to our International Week with a scientific symposium on

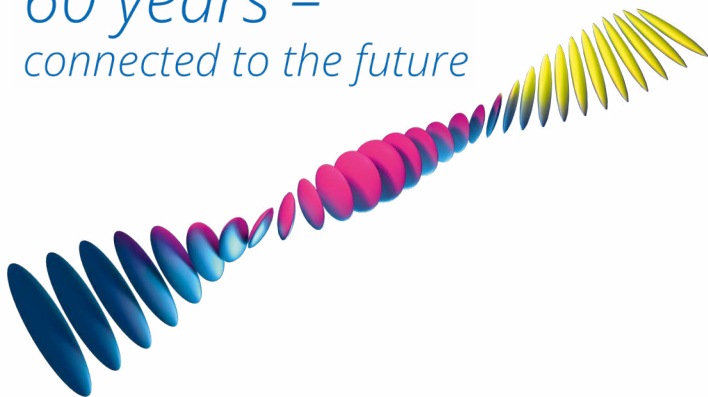
“Global Perspectives on Planetary Boundaries: Sustainable Solutions for Limited Resources.”

Take part in the following sessions:

- Water as a sustainable resource – analysis and purification strategies
- Corporate social responsibility, new work and health
- Energy systems of the future
- Sustainable use of resources – circular economy
- Efficient energy storage

We look forward to exchanging ideas with colleagues from all over the world.

*60 years –
connected to the future*



Contact

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Campus Map:

www.hs-aalen.de/de/pages/lage-und-anfahrtsplaene

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Register now!

Detailed information about the international week, the scientific symposium and lab tours can be found here:



www.hs-aalen.de/en/pages/international-week-symposium

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Scientific Symposium

Program | May 10th – 16th

The scientific symposium is organized within the frame of the newly instituted International Week at Aalen University and in conjunction with the university's 60th anniversary celebration in May 2023.

Join the scientific sessions with exciting talks about „Global Perspectives on Planetary Boundaries: Sustainable Solutions for Limited Resources“ held by Aalen University researchers and international partners. In addition, explore our labs during our campus tours for external guests.



Global Perspectives on Planetary Boundaries: Sustainable Solutions for Limited Resources

Water as a sustainable resource – analysis and purification strategies

- Wednesday, May 10th, 15:45 – 17:15
- Speakers: Prof. Dr. Alexandra C. Stenson (USA), Dr. Thomas Lucke (State Water Supply), Prof. Dr. Hans-Dieter Junker, Prof. Dr. Christian Neusüß
- Industrial and environmental water contaminants and climate change are significant challenges to a sustainable drinking water supply. This seminar focuses on water purification and analysis strategies to maintain safe and pure drinking water and to assign sources of pollution to their responsible originator.
- Chemistry lab tour

Corporate social responsibility, new work and health

- Thursday, May 11th, 15:45 – 17:45
- Speakers: Prof. Dr. Dilek Zamantili Nayir (Turkey), Prof. Dr. Laetus Lategan (South Africa), Prof. Dr. Ulrich Holzbaaur, Prof. Dr. Regina Kempen, Prof. Dr. Kerstin Rieder
- Companies are increasingly required to act in a way that is not only ecologically and economically, but also socially sustainable. Approaches for a sustainable work design at the level of workplaces and at the level of the organization as a whole will be presented.

Energy systems of the future

- Friday, May 12th, 09:45 – 11:30
- Keynote Speaker: Prof. Dr. Ferdi Schüth (Director at the Max Planck Institute in Mülheim/Ruhr)
- In the key lecture, Prof. Dr. Ferdi Schüth will talk about the energy systems of the future and how the transformation from fossil fuels to renewable energies can soon be achieved.



Sustainable use of resources – circular economy

- Monday, May 15th, 15:45 – 18:15
- Speakers: Dr. Christian Baron, Prof. Dr.-Ing. Iman Taha, Josef Tomas
- The sustainable use of natural resources is becoming more and more important. We will shed light on current research approaches such as biopolymers, resource-saving magnets and Additive Manufacturing using metals or renewable resources.
- Lab tour in the new research building

Efficient energy storage

- Tuesday, May 16th, 15:45 – 18:15
- Speakers: Prof. Dr. Ismael Saadoun (Morocco), Estefane Barbarosa Sà, Dr.-Ing. Wassima El Mofid, Dr. Pinar Kaya, Dr. Leticia Trezecik Silvano
- World-wide, the efficient storage of energy is crucial for the future. International renowned researchers will provide insights into both convenient future lithium-ion batteries and post-lithium systems such as all-solid-state batteries, microstructure-property relationships and new types of electrodes.
- Lab tour in the new research building

All sessions will take place at Aalen University in Beethovenstrasse 1 in room 133 and will be held in English. Online registration for the symposium sessions is recommended. For the lab tours, it is required to register by May 2nd.

Online registration form:



www.hs-aalen.de/en/pages/international-week-symposium