

Call for Papers

The interplay between policies, technologies, and organizations in the next phase of sustainable development

23rd to 28nd of June 2019, ETH Zurich

In 1987, the iconic report *Our Common Future* outlined the connectedness between the socioeconomic and the biophysical realities of our planet, irreversibly bounding together development and sustainability. Yet, three decades after its publication, progress on sustainable development is advancing only at a slow pace. Two global landmark efforts in 2015, the UN Sustainable Development Goals and the Paris Agreement, marked the beginning of a new phase of sustainable development—a phase that calls for a stronger engagement and commitment from all parts of society. Policymakers will need to design more effective and flexible policies to foster the deployment of sustainable technologies and their integration into existing and new infrastructure. Engineers and entrepreneurs will play a key role in developing technologies and strategies for leveraging the opportunities inherent in emerging social and environmental necessities. Innovative leadership and management will be crucial for embedding sustainable development into companies across all sectors.

This year's academy is concerned with research on the interplay between policies, technologies, and organizations in this new phase of sustainable development. We provide a unique platform for junior researchers (PhD students and postdoctoral researchers) with a background in engineering, management, economics, and political sciences to present their work to an audience of like-minded scholars and an international faculty with a record of accomplishments in research on energy and climate policy, environmental entrepreneurship and business, and sustainable technologies. Participants obtain detailed feedback on their research design, theoretical approaches, and methodology. In addition, we provide plenty of room for informal discussions and networking with other junior scholars and professors. Students in previous years have come from, amongst others, EPFL Lausanne, the Massachusetts Institute of Technology, Oxford University, Stanford University, the Technical University of Munich, and the University of Cambridge. This year's faculty consists of:

- **Dr. Kelly Sims Gallagher**
Professor of Energy and Environmental Policy, Tufts University
- **Dr. Thomas J Dean**
Professor of Entrepreneurship and Sustainable Enterprise, Colorado State University
- **Dr. Sally Russell**
Associate Professor of Sustainability and Business, University of Leeds
- **Dr. Johannes Meuer**
Senior Researcher of Sustainability and Technology, ETH Zurich

Research of the participants should focus on—but is not limited to—the following topics:

- Technology and innovation policy in the context of climate, energy, water, mobility, or food
- Socio-technical or techno-economic assessment of energy-efficient and low-carbon technologies
- Innovation systems; institutional and technological change in sustainable development
- Circular economy, industrial change, and socio-ecological systems
- Environmental entrepreneurship, innovation strategy, and corporate sustainability
- Behavioral and decision-making approaches facilitating sustainable development

The ETH Academy on Sustainability and Technology will take place in a hotel in the midst of the Swiss Alps. To guarantee an intensive learning process, attendance is limited to 15 participants. Third-party funding allows us to offer a participation fee of only CHF 450 (ca. 450 USD) which covers accommodation, meals, and excursions.

Please send your application to Marius Schwarz (mschwarz@ethz.ch) and include (i) a cover letter explaining your motivation, (ii) a paper proposal of max. 2 pages, and (iii) your CV. The deadline for application is 15 March 2019. We will send out notification of acceptance by 5 April 2019. Deadline for full paper submission (10-15 pages) is 17 May 2019. For additional information, you can find the programs of previous academies on our website (<http://www.sustec.ethz.ch/teaching/phd-academy.html>) or contact Marius Schwarz. We look forward to receiving your application!

Prof. Volker H. Hoffmann
Group for Sustainability and Technology (SusTec), ETH Zurich