TUM Global Dialogue Series

Event Program October – December 2020

October 2020
Oct. 26 – TUM Brussels Webinar on EU-Africa Cooperation

November 2020
Nov. 11 – TUM Asia The New Frontier of Food Safety in Industry 4.0
Nov. 12 – TUM San Francisco The TUM & Stanford Mobility Box reinventing driverless mobility
Nov. 24 – TUM São Paulo Bioeconomy in Latin America – A Driver for Global Added Value

December 2020
Dec. 03 – TUM Beijing Tsinghua-TUM Talks on Artificial Intelligence
Dec. 14 – TUM Mumbai Urban Water-Energy-Food Nexus: Opportunities and Challenges in Cities in India
Monday, October 26, 2020 │ 10:00 – 11:30 a.m. (CET)

Webinar on EU-Africa Cooperation

With its new EU-Africa strategy, the European Commission paved the way for a stronger and more ambitious partnership with the African continent in March 2020. But what does the strategy actually include in detail? And what does this mean for research collaborations with African partners? These and other questions will be discussed in this 1.5 hour webinar. In addition, the webinar focuses on rules and regulations of international cooperation within H2020 and in the future European Framework Programme for Research and Innovation Horizon Europe. This webinar provides information regarding the integration of African partners in European research projects and the support by European research funding.

Speakers

- Ms Maria-Valerie Schegk, Senior Manager European Affairs, TUM Brussels
- Dr. Stefanos Giannakis, Universidad Politécnica di Madrid (UPM)
- Dr. Denis Gillet, Ecole Polytechnique Fédérale de Lausanne (EPFL)

Everyone is welcome but this event may be of particular interest to

TUM academic staff and the wider TUM Family interested in EU-Africa relations; KNUST academic staff.

Registration & Participation

Zoom Link: Join Zoom Session
Meeting ID: 967 4691 0900
Passcode: EUAfrica

Log-in will be possible as of 9:45 a.m. In order to start the webinar on time, please log-in a couple of minutes before the official start at 10.00 a.m. Thank you very much for your cooperation.

For more details, please contact Maria-Valerie Schegk, TUM Brussels.
The New Frontier of Food Safety in Industry 4.0

Having to import 90% of its food supply for a population of nearly 6 million, Singapore, a land-scarce island, is subjected to the volatilities of the global food market. In view of the increasing globalization in food supply chains generating much gaps in its food security, Singapore has set its sights on producing 30% of the country's nutritional needs locally by 2030. The research and development in sustainable urban food production, future foods, and food safety and innovation will be key to achieving that goal. (Source: A*STAR and the Singapore Food Agency)

Find out more how we can leverage innovations and technology to strengthen the resilience of Singapore's food supply chain and produce food of our own, even in land-scarce Singapore.

Speaker(s)
- Dr. Thorsten Clausing, German Embassy Singapore
- Prof. Michael Rychlik, TUM
- Prof. Huang Dejian, NUS
- Industry Speakers (tbc)

Everyone is welcome but this event may be of particular interest to
Any TUM community member interested in food technology and safety matters, Singaporean partners.

Registration & Participation

Please register using the registration link.

After registration, you will receive the necessary credentials.

For more details, please contact TUM Asia.
TUM San Francisco Dialogue

Thursday, November 12, 2020 | 5:30 – 7:00 p.m. (CET) | 8:30 – 10:00 a.m. (PDT)

The TUM & Stanford Mobility Box Reinventing Driverless Mobility for People

What will the interactions between humans and the new mobility services look like? How do humans want to interact with autonomous vehicles, and what experiences will they value? These and other questions are under investigation by an interdisciplinary team of TUM researchers working with colleagues at Stanford University. Learn how they are using a Wizard of Oz vehicle to shape the future of mobility in the urban environment.

Speakers

- Prof. Markus Lienkamp, TUM
- Ferdinand Schockenhoff, TUM
- Sebastian Wolff, TUM
- Jeff Ouimet, Senior Regional Manager (North America), TUM San Francisco
- Dr. Jan Auernhammer, Center for Design Research, Department of Engineering, Stanford University
- Dr. Annette Böhmer, BMW Group
- Richard Gruner, Mercedes Benz, Sunnyvale, CA, USA

Everyone is welcome but this event may be of particular interest to

TUM academic staff and the wider TUM Family interested in human-centered design and the future of autonomous mobility.

Registration & Participation

Please register using the [registration link](#).

After registration, you will receive the necessary credentials.

For more details, please contact Jeffrey Ouimet, TUM San Francisco.
TUM São Paulo Dialogue

Tuesday, November 24, 2020 | 2:00 – 4:00 p.m. (CET) | 10:00 a.m. – 12:00 p.m. (PDT)

Bioeconomy in Latin America – A Driver for Global Added Value

The German Federal Ministry of Education and Science has dedicated the Science Year 2020 to the bioeconomy, thus attaching great importance to a topic that has become increasingly important in Germany, Europe, and beyond. In this panel discussion, scientists from TUM and its Latin American partner universities will present ideas and concepts of the bioeconomy in Brazil, Colombia and Germany and discuss how they create added value for local communities. Selected cooperation projects in bioeconomy between TUM and Brazilian and Colombian partners will showcase what research cooperation of TUM in Latin American partners implies in this field and in general. Last but not least, insights into the work of the TUM Liaison Office for Latin America will illustrate how the office serves as an anchor point for these activities.

Speakers

- Mr Sören Metz, Senior Regional Manager (Latin America), TUM São Paulo
- TUM Researchers (Campus Straubing & WZW)
- Researchers from UNESP (Brazil) & EAFIT (Columbia)

Everyone is welcome but this event may be of particular interest to

TUM academic staff and the wider TUM Family interested in Latin American relations and the field of bioeconomy.

Registration & Participation

Please register using the registration link.

After registration, you will receive the necessary credentials.

For more details, please contact Sören Metz, TUM São Paulo.
TUM Beijing Dialogue

Thursday, December 3, 2020 | 8:00 – 10:30 a.m. (CET) | 3:00 – 5:30 p.m. (CST)

Tsinghua-TUM Talks on Artificial Intelligence

Together with the School of Aerospace Engineering of Tsinghua University, TUM Beijing organizes the first TUM-Tsinghua Talks on Artificial Intelligence. This session will focus on the discussion of novel ideas, technologies, industries, and new formats as well as models in the field of artificial intelligence and across disciplines, and will seek to promote interdisciplinary research between China and Germany. Experts from the fields of computing, aerospace, robotics and medicine are invited to give presentations, followed by a round table discussion to deepen the understanding of the application of artificial intelligence technology in different scenarios.

Speakers

- Prof. Christoph LÜTGE, TUM
- Prof. Martin WERNER, TUM
- Prof. Nils THUEREY, TUM
- Prof. Bing WANG, Tsinghua University (TUM Ambassador)
- Prof. Jie TANG, Tsinghua-CAE Joint Research Center for Knowledge & Intelligence Knowledge Engineering Group
- Prof. Xiaochuan YOU, Tsinghua University
- Prof. Yanan SUI, Tsinghua University.
- Dr. Han XIAO (TUM Alumnus), Jina AI

Everyone is welcome but this event may be of particular interest to

Any TUM community member interested in Artificial Intelligence, Chinese partners and organizations.

Registration & Participation

For more details, please contact Zhenshan Jin, TUM Beijing.
TUM Mumbai Dialogue

Monday, December 14, 2020 | 10:00 – 11:30 a.m. (CET) | 2:30 – 4:00 p.m. (IST)

Urban Water-Energy-Food Nexus: Opportunities and Challenges in Cities in India

The Water-Energy-Food (WEF) Nexus approach is one way for cities to devise more sustainable development pathways. The approach advocates that supplying water to cities takes much energy, and that much water is also needed to produce energy and food. Planning these three sectors in an integrated manner may enable better water, energy and food security and implementation of the Sustainable Development Goals (SDGs). The Panel discussion will showcase different aspects of this nexus from various domains such as academia, industry and not-for-profit organization. Come join us for an interactive hour and engage with our subject experts.

Speakers

- Prof. Jörg Drewes, TUM
- Dr. Daphne Keilmann-Gondhalekar, TUM
- Dr. Saravanan Veluswami Subramanian, TUM
- Prof. Mandalagiri S Mohan Kumar, IISc Bangalore
- Prof. NC Narayanan, IIT Bombay
- Dr. Vaibhav Chaturvedi, Council on Energy, Environment and Water (CEEW)
- Mr. Avi Anthony Cornelio, Hitachi India Ltd. R&D
- Mr. Manas Rath, Bremen Overseas Research and Development Association (BORDA)

Everyone is welcome but this event may be of particular interest to

Any TUM community member interested in Urban Water-Energy-Food matters, Indian partners and organizations.

Registration & Participation

Please register using the registration link.

After registration, you will receive the necessary credentials.

For more details, please contact Mohaa Vyas, TUM Mumbai.