

TUM-UNESP Doctoral Summer/Winter School at TUM: Climate-Responsive Sustainable Resource Management

Monday, 9.12. Welcome and Introduction TUM Downtown Campus		Tuesday, 10.12. Sustainable Infrastructure and Energy Systems, TUM Campus Garching-Forschungszentrum		Wednesday, 11.12. Sustainable Ecosystems and Food Management, TUM School of Life Sciences Weihenstephan	
08:40	All meet at TUM's main entrance, Arcisstraße 21 at the blue cube and walk together to room 1325	08:45	All meet at Boltzmannstraße 17, 85748 Garching b. München (TUM Graduate School), first floor, Room 101		Individual travel to TUM School of Life Sciences Weihenstephan (public transport) Venue: Graduate Center, Alte Akademie 8a, 85354 Freising, seminar room on first floor "Macro"
08:45-9:15	Welcome Note				
09:15-10:15	Academic Keynote & Discussion <i>Environmental, Energy and Climate Policy</i> Dr. Dörte Ohlhorst, Senior Lecturer at Chair of Environmental and Climate Policy	09:00-9:50	Academic Keynote & Discussion <i>Working Toward Renewable and Sustainable Energy Systems through International Cooperation</i> Prof. Dr. Thomas Hamacher, Professorship Renewable and Sustainable Energy Systems	09:30-10:15	Academic Keynote & Discussion <i>Agricultural Productivity and Sustainability for Future Climatic Scenarios</i> Prof. Dr. Senthold Asseng, Chair of Digital Agriculture
10:15-10:30	Break	9:50-10:10	Break	10:15-10:30	Break
10:30-11:30	Academic Keynote & Discussion <i>Sustainable Urban Design and Building</i> Prof. Dr. Thomas Auer, Professorship Building Technology and Climate Responsive Design	10:10-11:00	Academic Keynote & Discussion <i>The Role of Advanced Materials for Sustainable Resource Management: Multifunctional Porous Hybrid Materials Based on Metal-Organic Frameworks</i> Prof. Dr. Roland A. Fischer, Chair of Inorganic and Metal-Organic Chemistry	10:30-11:15	Academic Keynote & Discussion <i>Exploring the impacts of climate change on forest ecosystems – Insights from field studies in the Amazonas</i> Prof. Dr. Anja Rammig, Professorship Land Surface-Atmosphere Interactions
				11:15-11:45	Walk to the restaurant

11:30-12:00	Photo opportunity Walk to the restaurant	11:00-11:20	Break	11:45-13:00	Lunch in restaurant "Lacanto"
12:00-13:15	Lunch	11:20-12:10	Academic Keynote & Discussion <i>Sustainable Urban Water and Wastewater Systems</i> Prof. Dr.-Ing. Jörg E. Drewes, Chair of Urban Water Systems Engineering	13:00-14:00	Site Visit <i>TUM Venture Lab Food / Agro / Biotech (FAB)</i> Dr.-Ing. Roman Werner, Managing Director
				14:00-14:30	Break
13:15-17:15 (incl. breaks)	Workshop <i>Intercultural Sensitivity and Competence for the Doctoral Setting</i> Helene Schliep, Working between Cultures	12:10-14:00	Lunch	14:30-16:30	Site Visit <i>Forschungsbrauerei Weihenstephan</i> Dipl.-Ing. Christoph Neugrodda, Technical Lead
17:15-17:30	Break				
17:30-18:15	Campus Tour Peter Finger Managing Director of TUM: Junge Akademie	18:00	End of day 2	16:30-17:00	Travel back to Munich (public transport) or optional: stay in Weihenstephan at Bräustüberl
18:15-18:30	Walk to the restaurant			17:00	End of day 3
18:30	Course Welcome Dinner Löwenbräukeller München Nymphenburger Str. 2 80335 München				

Thursday, 12.12. Biotechnology & Sustainability, TUM Campus Straubing		Friday, 13.12. International Collaboration and Funding TUM Campus Garching-Forschungszentrum		Saturday
07:30	All meet in front of hotel ibis, Daimlerstraße 5, 85748 Garching bei München, for transfer to Straubing	08:45	All meet at Boltzmannstraße 17, 85748 Garching b. München (TUM Graduate School), first floor	Free for activities, list of options will be provided
09:30-10:00	<i>Welcome Note and Site Visit Biocampus</i> Dr. Laura Lautenschläger Expert Bioeconomy BioCampus Straubing GmbH	09:00-10:00	Workshop <i>BAYLAT and funding options for Bavarian- São Paulo research collaboration</i> Polliana Labory Sattler, Bayerisches Hochschulzentrum für Lateinamerika (BAYLAT) at the Friedrich-Alexander-Universität Erlangen-Nürnberg	
10:00-10:15	<i>Welcome to TUM Campus Straubing & Introduction to the Global Bioeconomy Alliance</i> Prof. Dr. Michael Zavrel Professorship Bioprocess Engineering	10:00-10:15	Break	
10:15-11:00	Panel Discussion <i>Transitioning from Academia to Industry (and Back Again): Exploring the practical and cultural shifts as well as strategies for successful adaptation</i> Linda Dengler, Microbify GmbH Dr. Laura Lautenschläger, BioCampus Straubing GmbH André Pick, CASCAT GmbH Prof. Michael Zavrel, Professorship Bioprocess Engineering, TUM	10:15-12:30	Workshop <i>Career Paths in Academia: Postdoc Opportunities and Funding Insights</i> Carla Herrmann, TUMForTe	

11:00-11:30	Break and shuttle to campus Uferstraße	12:30-13:00	Wrap-Up and Farewell, End of Program	
11:30-12:30	Academic Keynote & Discussion <i>Engineering Microbes for a More Sustainable Chemical and Fuel Economy</i> Prof. Dr. Bastian Blombach, Professorship Microbial Biotechnology	13:00-14:00	Lunch	
12:30-14:00	Lunch and Poster Party in Uferstraße, Foyer		Free afternoon, list of options will be provided	
14:00-15:30	Campus Tour and Site visits			
15:30 -16:45	Visit to the Old Town and City Tower			
16:45 -17:00	Break			
17:00	Shuttle back to hotel (bus leaves from: "Großparkplatz am Hagen")			