



# Td SUMMER SCHOOL 2015

Transdisciplinary Research at the Science | Society Interface

» [www.leuphana.de/td-training](http://www.leuphana.de/td-training)



## OVERVIEW

### Transdisciplinary Research at the Science | Society Interface

Leuphana University Lüneburg is pleased to invite you to the 4<sup>th</sup> Td Summer School in Lüneburg, Germany. The Td Summer School offers a 5-day intensive training (Td Training Module) in transdisciplinary research preparing researchers and practitioners for transformative research on societal challenges at the science | society interface. Both, theoretical and methodological foundations as well as experiences in designing and implementing transdisciplinary research processes will be gained. A special focus is on broadening the participants’ disciplinary and interdisciplinary perspective towards a transdisciplinary approach and on enabling practitioners to elaborate their role in transdisciplinary research processes. Subsequently, a 2-day special training on scenario techniques will be offered (Special Training Module) in cooperation with Arizona State University, USA. Bringing together scientists and practitioners in the Td Summer School allows for experiencing multiperspectivity and a joint elaboration of roles, tasks and responsibilities in cooperative research and transformation of societal challenges.

### Training Objectives

- Understanding the emergence of transdisciplinary research in the context of societal changes
- Getting familiar with different transdisciplinary research methodologies and process designs
- Aquiring competences in methods for inter- and transdisciplinary research: mutual learning and knowledge integration methods, methods of boundary-work, validation and assessments
- Exploring how to broaden the participants’ disciplinary and interdisciplinary research by adopting principles of transdisciplinary research
- Identifying different functions of transdisciplinary processes and roles of involved parties

### Target Group

The Td Summer School addresses researchers and practitioners (for example, policy makers, managers from industries, the public sector, NGO representatives) from all disciplines and societal fields as well as graduate students with research experience who want to develop their research and professional activities at the science | society interface towards transdisciplinary approaches.

## TD TRAINING MODULE (AUG 31 – SEP 04)

During the Td Training Module we will provide both, theoretical foundations and practical experiences in designing transdisciplinary research processes. You will gain insights in different methodologies and frameworks, principles and design elements of transdisciplinary research and get an overview on methods of inter- and transdisciplinary research. During two days we will elaborate case study designs in small groups. It is our overall objective to create strong links to your professional fields and will therefore select the cases based on suggestions from the participants.

☉	31 AUG – 04 SEP, 2015	TD TRAINING MODULE
	06 SEP – 08 SEP, 2015	SPECIAL TRAINING MODULE
For program details see: » <a href="http://www.leuphana.de/td-training">www.leuphana.de/td-training</a>		



The Td Summer School 2015 is offered in collaboration with:



### Td Sumer School Office / Center for Methods

Scharnhorststraße 1, C4.008, 21335 Lüneburg, Germany  
Fon +49.4131.677-2295 or -2028,  
[td\\_training@leuphana.de](mailto:td_training@leuphana.de)

### Venue

Leuphana University Lüneburg  
Campus Scharnhorststraße, Scharnhorststraße 1, 21335 Lüneburg, Germany

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SPECIAL TRAINING MODULE (SEP 06 – 08)

ANTICIPATING THE FUTURES TOGETHER - SCENARIOS IN TRANSDISCIPLINARY RESEARCH

Co-construction – Multiple Perspectives for Multiple Futures

When you consider the complex and urgent challenges facing society in the 21st century the future seems neither simple nor predictable. Scenario construction is a term that refers to the science of building alternative futures. The practice of scenario construction dispenses of the notion that a single, linear future can be predicted for complex systems. Instead it acknowledges a degree of irreducible uncertainty about the future and nonetheless intends to construct future knowledge, often to inform present day decisions. This is often done in transdisciplinary settings because it is from multiple perspectives that alternative futures emerge.

Training Objectives

- Most of us have an ‚official version‘ of the future from which we operate – and it is often quite linear. It is comprised of the expectations and assumptions about the future we do not meaningfully question. This is true of corporations and governments as well. Breaking free from the official version of the future requires tools to overcome linear thinking. The goal of this Special Training Module is to review scenario techniques and how each different technique attempts to structure a future distinctly different from the official version. We will then go into depth in scenario axis technique and apply it to a case study to explore multiple futures. Participants of the Special Training Module will:
- Understand the origins and history of scenario techniques
  - Be exposed to some of the ways scenario construction is used for business, scientific, civil society, and military purposes
  - Review transdisciplinary scenario construction approaches
  - Apply scenario axis technique in a case study

Arizona State University (ASU), USA

ASU is the largest public university in the United States with more than 80,000 students and ranked among the top research universities in the world (MUP 2014). The Consortium for Science, Policy, and Outcomes at ASU is an intellectual network aimed at enhancing the contribution of science and technology to society’s pursuit of equality, justice, freedom, and overall quality of life.

TRAINERS

- **Prof. Dr. ULLI VILSMAIER**, Leuphana University Lüneburg // Junior Professor for Transdisciplinary Methods and member of the Center for Methods and Institute of Ethics and Transdisciplinary Sustainability Science.
- **Prof. Dr. DANIEL J. LANG**, Leuphana University Lüneburg // Professor for Transdisciplinary Sustainability Research and Dean of the Faculty of Sustainability.
- **Prof. Dr. MATTHIAS BERGMANN**, Leuphana University Lüneburg and ISOE Frankfurt // Visiting scientist at the Institute of Ethics and Transdisciplinary Sustainability Research; member of the Institute for Social-Ecological Research.
- **Dr. LAUREN WITHYCOMBE KEELER**, Arizona State University // Postdoctoral scientist in future studies at the Center for Nanotechnology and Society, a National Science Foundation funded center within the Consortium for Science, Policy and Outcomes.
- **Dr. GUIDO CANIGLIA**, Arizona State University, Center for Biology and Society // Post-doctoral researcher for ‚The Global Classroom‘ project in the School of Life Sciences and School of Sustainability.
- **MORITZ ENGBERS**, Leuphana University Lüneburg // PhD project on transdisciplinarity and cultural-ity; trainings for facilitation, cooperation methods, and case-based transdisciplinary research.
- **BEATRICE JOHN**, Leuphana University Lüneburg // PhD project on urban metabolism and sustainable urban planning; trainings for actor analysis and experienced-based methods for sustainability.

ORGANIZATION

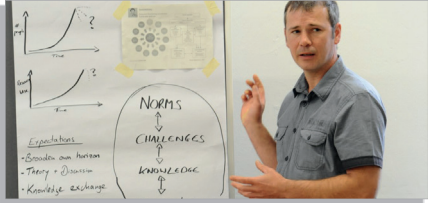
Key Dates

Aug, 30	Opening event (starting in the evening)
Aug, 31 – Sep, 04	Td Training Module
Sep, 05 – Sep, 06	Weekend Program
Sep, 06 – Sep, 08	Special Training Module (starting in the evening)

We offer scholarships for participants with low economic resources. If interested, please contact us.

REGISTRATION AND CONTACT

Due to a limitation of participants to 20, we ask you to send us your CV, motivation and outline of your current professional activities until June, 14, 2015 to [td\\_training@leuphana.de](mailto:td_training@leuphana.de). Your participation will be confirmed until June, 21, 2015.



- ⊕ COSTS

Participation fee for the Td Training Module is 300 €, for the Special Training 150 €. Participants combining both modules are charged 400 €. The fees include:
  - Opening evening event
  - Snacks and coffee during the sessions
  - Dinner at a local brewery
  - City Tour in Lüneburg
- ⊕ ACCOMMODATION

We prebooked rooms in several hotels and hostels in three different price categories (30 – 130 Euros per night). Further information and booking support can be found on our homepage: [www.leuphana.de/td-training](http://www.leuphana.de/td-training)