

LMET CONFERENCE 2021

THE MODELLING OF ENERGY TRANSITION – CULTURES | VISIONS | NARRATIVES

PRELIMINARY SCHEDULE

MONDAY, 04/10/2021, MÜNSTER CASTLE	
08.30 – 09.45	
	Registration
10.00 – 10.30	
	Welcome Address Johannes Wessels Rector University of Münster
	Welcome Address H. E. Ambassador Yusuf Maitama Tuggar Ambassador of the Federal Republic of Nigeria in Germany
	Welcome Address Ulrike Bischler Program Director Volkswagen Foundation
	Welcome Address Hans-Jörg Rheinberger President Society for Model Research MPIWG Berlin
10.30 – 10.45	
	The LMET Project LITERARY MODELLING AND ENERGY TRANSITION Eric Achermann Robert Matthias Erdbeer Armin Grunwald Veit Hagenmeyer Ines Langemeyer Klaus Stierstorfer
10.45 – 11.45	
	KEYNOTE Bas van Fraassen Princeton University
11.45 – 12.30	
	Lunch Break
12.30 – 13.30	
	Exhibition Opening THE BLIND SPOTS OF MODELLING Tobias Becker University of Siegen Veit Hagenmeyer KIT Karlsruhe

13.30 – 16.30	
SECTION 1: REALITIES OF MODELLING	
PANEL 1	PANEL 2
PROTOTYPING EXPERIMENTS: MODELLING, SIMULATION AND SCALING IN REAL-WORLD-LABORATORIES	WHAT'S IN A MODEL AND WHAT COMES OUT OF IT?
Gabriele Gramelsberger Prototyping future ontologies: Model cascades as tools for backward chaining possible futures	Stefan Pfenninger Not just Open, but Understandable Models
Stefan Bösch Indicator Politics: Modelling Under Real-World conditions	Johan Lilliestam [Zoom] Where do Model Results come from? What Normative Assumptions are Hiding Inside and how do they Affect the Meaning of Model Outputs?
15.00-15.15 Coffee Break	Diana Süsler What Users want from Models
Athanasios Raftopoulos Models and Imaginistic Representations	Francesco Lombardi Is there no Alternative? The Problems with Searching for a Mathematical Optimum
Demetris Portides Modular Idealization	Frauke Wiese N.N.
	15.00-15.15 Coffee Break
	Discussion
	Bernhard Thalheim The Study of Models
16.45	
Shuttle Bus to Nordkirchen Castle	
17.45	
Guided Tour	
19.00	
Conference Dinner	

TUESDAY, 05/10/2021, FÜRSTENBERGHAUS	
09.00 – 10.00	
KEYNOTE Nancy Cartwright Durham University UC San Diego Objective Modelling	
10.00 – 10.30	
Modelling in the EnergyLab Uwe Kühnappel Head of Research Area Energy System Integration (ESI) KIT Karlsruhe	

10.30 – 11.00	
Coffee Break	
11.00 – 13.30	
SECTION 2: ENERGY TECHNOLOGY AND SUSTAINABILITY	SECTION 3: LITERARY MODELLING AND ENERGY NARRATIVES
PANEL 3	PANEL 5
ENERGY TECHNOLOGY AND FORECASTING	MODELS OF RESILIENCE IN CONTEMPORARY NORTH AMERICAN LITERATURE
Victor Eniola, Kafayat Adeyemi Forecasting of Seasonal Streamflow using Long Short-Term Memory Neural Network Model Adapted with Data Preprocessing Algorithm	James Dorson A Tale of Two Models: Modelling Resilience in Juliana Spahr’s “The Transformation” and Kim Stanley Robinson’s “The Ministry for the Future”
Eli Jidere Bala, Kafayat Adeyemi, Victor Eniola, Musa Zarmai, Muhammad Uthman Photovoltaic Energy Production Forecasting using Artificial Neural Network Model	Stefanie Mueller Circles and Cycles: The Temporalities of Resilient Forms in Jenny Offil’s “Weather”
Fabian Hofmann Using Sensitivity Analysis of Power System Models for Temporal Clustering	Katharina Fackler Settler Colonial (Energy) Regimes and Indigenous Models of Resilience in Linda Hogan’s “Solar Storms”
13.30 – 14.30	
Lunch Break	
14.30 – 15.30	
KEYNOTE Mark O'Malley University College Dublin	
15.30 – 16.00	
Coffee Break	
16.00 – 17.00	
KEYNOTE Neil Strachan University College London	
17.00– 19.45	
PANEL 4	PANEL 6
SUSTAINABILITY AND ENERGY POLICIES	LITERARY THEORY, MODEL PERSPECTIVISM, AND THE PROBLEM OF FORMALIZATION
Marlin Arnz Alexandra Krumm Modelling Narratives of Sustainable Mobility Choices	Miglena Nikolchina Neither Model, Nor Copy:” Artistic Practice and the Filter of Humanization
Miles MacLeod Michiru Nagatsu Modelling in Environmental and Sustainability Sciences	Bogdana Paskaleva Engendering Models: The Semiotics of the Early Julia Kristeva and her Predecessors in Modelling

18.15-18.30 Coffee Break	
Peter Sozou Why do Environmental Taxation Policies and Popular Campaigns in the UK Deviate from a Classic Economic Approach?	Kamelia Spassova Lotman and Kristeva: Metalevels and Sublevels in the Artistic Text
Aliseda, Atocha Models of Change	Enio Stojanov Model Perspectivism: A Leibnizian Reading of Y. Lotman's "The Structure of the Artistic Text"
	Darin Tenev Communicative Models, Productive Models and the Crack of the Possible

WEDNESDAY, 06/10/2021, FÜRSTENBERGHAUS	
09.15 - 12.00	
SECTION 4: SOCIETAL IMPACTS AND MODEL COMMUNICATION	
PANEL 7	PANEL 8
SOCIAL REPRESENTATION	MEDIALITY
Alexandra Krumm Diana Süsler Philipp Blechinger Modelling Social Aspects of the Energy Transition: Current Representation in Energy Models	Øyvind Eide Modelling in Digital Humanities: Pragmatism, Semiotics, and Mediality
Oskar Vågerö Marianne Zeyringer Natalia Sirotko-Sibirskaya Andrei Kutuzov Jessica Yarin Robinson Alexandra Wittemann Anders Bråte Analyzing Public Sentiments towards Wind Energy in Norway	Connor John Warden "Just a Bunch of Middle-Class Hippies": Social Class Challenges in Energy Transition Communication
Jan-Philipp Sasse Evelina Trutnevyte Unequal Regional Benefits and Vulnerabilities in Cost-Optimal and Near-Optimal Scenarios of the European Electricity Sector in 2035	Nora Alejandrina Schwartz Affording Scientific Conceptualization through Material Models
	Benjamin Steininger N.N.
12.00 - 12.30	
Coffee Break	
12.30 - 13.30	
VALEDICTORY LECTURE Lorenzo Magnani University of Pavia	
13.30	
Lunch	