



University of Bordeaux

Jointly organized by

***INFER* (International Network for Economic Research)**

and

***LAREFI* (Laboratoire d'Analyse et de Recherche en Economie et Finance Internationales)**

Special Session on

**“Energy Transition, Structural Change, and Transforming
Infrastructures”**



VIRTUELLES INSTITUT
TRANSFORMATION
ENERGIEWENDE^{NRW}

CALL FOR PAPERS

This special session will welcome macro-economic, regional economic and micro-economic studies on the mutual dependencies between the energy transition and changes in economic structure, infrastructure, value chains and processes. Specific topics may include:

- The importance of the production factor energy,
- Transformations of technical, industrial and/or non-technical infrastructures
- Adoption and Diffusion patterns of innovative energy technologies
- Investment decisions under uncertainty and changing general conditions.

Keywords and research fields (JEL Codes)

- Q2 – Renewable Resources and Conservation, Q4 – Energy, Q5 – Environmental economics, R11 – Regional Economic Activity: Growth, Development, and Changes – Economic Development, Technological Change, and Growth, L16 – Industrial Organization and Macroeconomics: Industrial Structure and Structural Change; Industrial Price Indices, D57 – Input–Output Tables and Analysis
- And others if fitting to the general theme of the session

Additional keywords: Economic Systems, Energy Policy, Energy Transition, Grid planning, Inter-Sectoral Linkages, Network effects, Power system planning, Structural Change, Supply Security, Technological Change, Two-sided markets; Technological Adoption and Diffusion, Utilities Policy

Special Session Organiser: Virtual Institute "Transformation - Energy Transition NRW", Germany

- **Aaron Praktijnjo**, Prof. Dr.-Ing, ("Juniorprofessor") of Energy Resource and Innovation Economics at RWTH Aachen University,
- **Christian A. Oberst**, Dr., Institute for Future Energy Consumer Needs and Behavior, RWTH Aachen University, INFER, coberst@eonerc.rwth-aachen.de,
- **Wilhelm Kuckshinrichs**, Dr., Institute of Energy and Climate Research Systems Analysis and Technology Evaluation (IEK-STE), Forschungszentrum Jülich,
- **Daniel Vallentin**, Dr., Wuppertal Institute for Climate, Environment and Energy Research Group, daniel.vallentin@wupperinst.org,
- **Stefan Schweiger**, M.A., Institute for Advanced Study in the Humanities, Essen, stefan.schweiger@kwi-nrw.de,
- **Torsten Müller**, Dr.-Ing., , Fraunhofer Institute for Environmental, Safety, and Energy Technology UMSICHT, Oberhausen, torsten.mueller@umsicht.fraunhofer.de

For more information, please see website: <http://www.vi-transformation.de/en/>.

Paper Submission Procedure

Full papers may be submitted, **as doc-files or pdf-files**, to the special session co-organizer **Christian A. Oberst** (coberst@eonerc.rwth-aachen.de) and to the local organizers of the INFER Conference (infer@u-bordeaux.fr) by February 19th 2017. Please indicate that your submission is for the *Special Session on "Energy Transition, Structural Change, and*

Transforming Infrastructures". Authors are allowed to submit several papers to this special session, however only one paper will be accepted per presenting author. All submitted papers will be peer reviewed according to a high-quality and fast referee process. Please note, that for this session your paper will be evaluated by an interdisciplinary team of reviewers, which besides economics also includes scholars from engineering, sociology, political and communication science. Please keep this broader readership in mind when submitting your manuscript. With the consent of the authors, we might report on your research on the social media channels of the Virtual Institute www.vi-transformation.de/en/ .

Authors will be notified whether their paper is accepted for presentation at the special session not later than April 2, 2017. Special session presenters are expected to discuss one other paper during the session. The discussant assignments will be made by the conference organizers at a later date.

Papers must be in English and must include a cover page with the following information:

- An abstract of up to 500 words, with JEL classification and no more than 5 keywords
- Authors' full name and affiliation
- Contact details for corresponding and presenting author, such as address, phone and e-mail

Important dates

- Deadline for paper submission: February 19, 2017
- Deadline for notification of paper acceptance: April 2, 2017
- Deadline for early registration and payment: May 2, 2017
- Deadline for late registration and payment: **May 25, 2017**

If you have questions please contact the co-organizer of this special session, Christian A. Oberst (coberst@eonerc.rwth-aachen.de)