



ENERGY TRANSITIONS

On the Road to Sustainable Energy Societies



A collaboration between Tokai University, Japan, and the Technical University of Denmark (DTU)

Energy Seminar

“New Technology for a Sustainable Future”

Date: 21 November 2018 (Wednesday)

Venue (DK): DTU, Anker Engelds Vej 1, Building 101A, Room S12, 2800 Kgs. Lyngby

Concept

The ongoing transition towards sustainable energy societies requires continued commitment, cooperation and innovation. In both Denmark and Japan there is a shared determination to realize this transition. The seminar series brings together Japanese and Danish visionaries and resource persons for discussion of approaches and specific activities, that address current and future challenges.

Program

(The seminar will be conducted as a live transmission between Tokai University and DTU)

- 08:15-08:45 Registration & coffee
- 08:45-09:00 Opening remarks (DK-side: Prof. Marie Münster, DTU)
- 09:00-09:30 Presentation #1: Prof. Poul Erik Morthorst, DTU (transmitted from Japan)
The Future Energy System – Challenges, barriers and opportunities
- 09:30-10:00 Presentation #2: Prof. Hideki Kimura, Tokai University
Future of the Solar Vehicle – Ultimate Technologies for the Sustainable Society
- 10:00-10:30 Presentation #3: Prof. Kazuto Kuzuu, Tokai University (transmitted from Japan)
Heat Utilization by Thermoacoustic Engine
- 10:30-11:00 Presentation #4: Prof. Vincenzo Esposito, DTU
Efficient by Defect: Multi-functional oxygen defective ceramics, novel designs for efficient energy technologies
- 11:00-11:10 Coffee break
- 11:10-11:40 Presentation #5: Dr. Helmut Takahiro Uchida, Tokai University
Hydrogen Functional Materials: Technical issues and possibilities for sustainable society
- 11:40-12:10 Presentation #6: Prof. Marie Münster, DTU
Biorefining in an Energy System Perspective
- 12:10-12:30 Discussion & Closing Remarks
Moderator: Prof. Marie Münster, DTU
- 12:30-13:30 Buffet & Networking

Registration

To register online [here](#) (deadline: November 19)

Please direct registration-related questions to Vivi Morsing at viha@dtu.dk / 46 77 51 00

Seminar Contact Persons

Poul Erik Morthorst, DTU: pemo@dtu.dk / 46 77 51 06

Jakob Skyt Jensen, Tokai University European Center: jsj@u-tokai.dk / 45 89 08 09