



“Sustainable Energy Supply of the Future“

18.07.2011 - 8.00 am to 6.00 pm

Programme

from 8.00 am Registration

9.00 - 9.30 am

Opening

Prof. Lienkamp

9.30 - 10.45 am

Session Chair: Prof. Lienkamp

Sustainable Mobility – Supplying Clean and Affordable Energy for TUM's Electric Vehicle MUTE

Dipl.-Ing. Gohla-Neudecker, Dipl. Ing. Kandler (Institute for Energy Economics and Application Technology)

A Simulation Model for a Smart Home and Vehicle to Building Applications

Dipl.-Ing. Brendle (Institute of Automotive Technology)

Economics of Vehicle-to-Grid

M. Sc. Ciechanowicz (TUM CREATE)

10.45 - 11.15 am Break

11.15 - 12.30 pm

Session Chair: Prof. Lang

Fluidized Glass Façade Elements for an Active Energy Transmission Control

Dipl.-Ing. (FH) M. Arch. Stopper (Department of Building Climatology and Building Services, Center for Energy Efficient and Sustainable Design and Building)

Research on Mini- and Micro-CHP-Units

Dipl.-Ing. Sängler (Institute for Energy Economics and Application Technology)

Production Based Energy Management Tools for the Food Processing Industry

Dipl.-Ing. Franke (Chair of Food Packaging Technology)

12.30 - 12.40 pm

Poster Announcement: Prof. Lang

12.40 - 2.00 pm

Lunch Break/Poster Presentation

Location: TUM - Institute for Advanced Study, Garching
Registration Deadline: 30.06.2011
Internet: <http://www.mse.tum.de>

2.00 - 3.15 pm

Session Chair: Prof. Müller-Buschbaum

Green Gasoline Made from Catalytic Conversion of Lignin

Dr.-Ing. Zhao (Chair for Chemical Technology II)

Morphology of Bulk Heterojunction Systems for Polymer-based Photovoltaics

Dipl.-Phys. Ruderer (Chair of Functional Materials)

Photovoltaics of Nanoscale Circuits Comprising Photosynthetic Proteins

Dr. Holleitner (Walter-Schottky-Institut)

3.15 - 3.45 pm Break

3.45 - 5.00 pm

Session Chair: Prof. Spliethoff

Power Storage Requirements for Renewable Energies

Dipl.-Ing. Tremel (Institute for Energy Systems)

Storage of Bio-Energy - Substitute Natural Gas (SNG) as Contribution to Future Energy Systems

Dipl.-Ing. Fendt (Institute for Energy Systems)

Modeling Long-term Impacts of Regulatory Instruments on the German Energy Sector

Dipl.-Kffr. Hammer (Chair of Management Accounting)

5.00 - 5.20 pm Break

5.20 - 5.50 pm

Keynote Speaker

5.50 - 6.00 pm

Closing

6.00 pm

BBQ