

AWARD LECTURE SERIES

# FRONTIERS CHEMICAL ENERGY SCIENCE

3 - 5 MARCH 2015



## PROF. DR. EBERHARD UMBACH

Member of acatech Executive Board, Founding President of Karlsruhe Institute of Technology (KIT) until 2013, former Vice President of the Helmholtz Association and coordinator of the research field energy

### Graduate Lectures with Discussions

#### Tuesday, March 3rd, 2015

- 10:00 h "Nanomicroscopy and nanospectroscopy using an aberration-corrected, low-voltage electron microscope at BESSY"
- 11:00 h "The dynamics of organic layer growth"

#### 16:15 h **Award Ceremony and Lecture**

"Chemical Research for the 'Energiewende':  
Luxury or Necessity?"

#### Wednesday, March 4th, 2015

- 10:00 h "The new German energy system - motives, chances and risks"
- 11:00 h "Main challenges of the 'Energiewende': storage and grids"

#### Thursday, March 5th, 2015

- 10:00 h "Strong and weak interactions of large organic molecules with different substrates"
- 11:00 h "Large-scale surface reconstruction induced by adsorption-induced stress at the metal-organic interface"

Venue:

Max-Planck-Institut für Chemische Energiekonversion  
Stiftstraße 34-36, 45470 Mülheim an der Ruhr  
Seminar room, 3rd floor

Students & faculty are cordially invited to attend

Pre-registration would be greatly appreciated: [frontiers@cec.mpg.de](mailto:frontiers@cec.mpg.de) or 0208/306-3681