

## HITEC Theme Day

**Title:** Energy Technologies: Renewable Energies  
**Date:** 28 April, 2015  
**Time:** 9:15 –16:15 o'clock  
 afterwards *get together* with snacks and drinks  
**Location:** Forschungszentrum ► **Jülich, Build. 2.16, Seminarroom (Technikum)**

09:15 – 10:00	Biofuels from Algae: Recent Development, Problems and Prospects <b>Dr. Dominik Behrendt, Forschungszentrum Jülich</b>
10:00 – 11:00	Photovoltaic Energy from Sand and Sun <b>Prof. Uwe Rau, Forschungszentrum Jülich</b>
11:00 – 11:45	Fundamentals of Solar Thermal Heat and Power Generation <b>Prof. Dr. Pitz-Paal, Deutsches Zentrum für Luft- und Raumfahrt, DLR</b>
11:45 – 12:45	Lunch-break – at own costs for Docs
12:45 – 13:30	<i>The Political Dimension: Germany's "Energiewende" - a Blueprint for other Countries?</i> <b>Maïke Schmidt, Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW), Stuttgart</b>
13:30 – 14:15	Photoelectrochemical Routes to Solar Fuels: where Semiconductor Physics meets Catalysis <b>Dr. Peter Bogdanoff, Helmholtz-Zentrum Berlin, HZB</b>
14:15 – 14:45	Coffee-break
14:45 – 15:30	Turbulence and its Relevance for Wind Energy <b>Prof. Dr. Joachim Peinke, University of Oldenburg</b>
15:30 – 16:15	<i>Geothermal Energy Systems</i> <b>Dr. Thomas Reinsch, Helmholtz-Zentrum Potsdam, GFZ</b>
16:15	Get-Together with snacks

### HITEC Days

HITEC Days are an inherent part of the graduate school Helmholtz Interdisciplinary Doctoral Training in Energy and Climate Research (HITEC). They devote a whole day to a method or a scientific topic with lectures and discussions. The methodological days serve to encourage scientific interdisciplinarity and will enable the PhD students to extend their range of methods with respect to their own scientific work. HITEC Days always end with a 'Get together', some snacks and drinks. HITEC Days are open for HITEC Ph.D. students and other interested young scientists.