

## 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)**

Coping with the challenges of high oil prices, peak oil, and climate change is one of the essential tasks of mankind in the 21st century. Renewable energy resources are at hand to tackle these challenges, and their efficient utilization is a matter of intense research, not only because of continuously increasing government support in this field. Taking into account social and economic aspects, research and development in renewable energies is so manifold that it attracts scientists from all areas of expertise.

The seminar will elucidate different renewable energy resources together with their socio-economic implications.

### You will learn about

- the basics of different renewable energy concepts from a scientific viewpoint
- the economic impact of renewable energies
- the challenges in transfer from lab to industry

### Contents:

- Bioenergy
- Photovoltaics
- Solar Fuels
- Wind Energy
- Geothermal Energy
- Implications of Policy Change

### Who should attend:

HITEC Ph.D.-fellows;  
Postgraduate-, Ph.D.- and postdoctoral fellows from the fields of energy and climate research

### **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.