

## HITEC Theme Day

**Title:** Nuclear waste disposal and reactor safety  
**Date:** 22 June, 2015  
**Time:** 9:00 – 15:45 o'clock  
 afterwards *get together* with snacks and drinks  
**Location:** Forschungszentrum ► [Jülich, Build. 15.1 X, room 249 \(ICS-4\)](#)

09:00 – 09:15	Welcome and introduction <i>D. Bosbach, E.-A. Reinecke, Forschungszentrum Jülich</i>
09:15 – 09:45	Introduction to reactor technology <i>A. Schulze, RWTH</i>
09:45 – 10:30	Reactor safety research at RWTH Aachen and JÜLICH <i>E.-A. Reinecke, S. Kasselmann, Forschungszentrum Jülich</i>
10:30 – 10:45	Coffee break
10:45 – 12:00	The reactor accident in Fukushima <i>Stefanie Weiß GRS/Cologne</i>
12:00 – 13:30	Lunch-break – at own costs
13:30 – 14:00	Research for the safe management of nuclear waste <i>D. Bosbach, Forschungszentrum Jülich</i>
14:00 – 14:30	Deep geological disposal of nuclear wastes <i>G. Deissmann, Forschungszentrum Jülich</i>
14:30 – 14:45	Coffee-break
14:45 – 15:15	Ra retention by barite-APT and TEM characterization of the (Ba,Ra)SO <sub>4</sub> solid solution with nm-scale resolution <i>J. Weber, Forschungszentrum Jülich</i>
15:15 – 15:45	Atomistic modeling of materials for nuclear waste management <i>P. Kowalski, Forschungszentrum Jülich</i>
15:45	Get-Together

### 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.