

## HITEC Theme Day

**Title:** Nuclear Waste Disposal and Reactor Safety

**Date:** 2 June, 2016

**Time:** 9:00 –16:15 o'clock  
afterwards *get together*

**Location:** [Forschungszentrum](#) ► Bld. 05.3, Stelzenhórsaal

09.00 – 09.15	Welcome and Introduction <i>Prof. D. Bosbach and Prof. H.-J. Allelein, Forschungszentrum Jülich, IEK-6</i>
09.15 – 10.00	Nuclear Power Generation: Prospects and Risks <i>Prof. H.-J. Allelein, Forschungszentrum Jülich, IEK-6</i>
10.00 – 10.45	Reactor Safety Research at RWTH Aachen and Jülich <i>Dr. E.-A. Reinecke and Dr. S. Kassermann, Forschungszentrum Jülich, IEK-6</i>
10.45 – 11.00	Coffee break
11.00 – 11.30	Deep Geological Disposal of radioactive wastes <i>Dr. G. Deissmann, Forschungszentrum Jülich, IEK-6</i>
11.30 – 12:00	Research and Development in Support of International Safeguards <i>Dr. M. Dürr, Forschungszentrum Jülich, IEK-6</i>
12.00 – 13.00	Lunch-break – at own costs for Docs
13.00 – 13.30	General insights into the solid state chemistry of oxo-selenium and oxo-tellurium bearing actinide (U and Th) compounds <i>E. Langer, Forschungszentrum Jülich, IEK-6</i>
13.30 – 14.00	Using atomistic modeling for nuclear waste management <i>G. Beridze, Forschungszentrum Jülich, IEK-6</i>
14.00 – 14.15	Coffee break
14.15– 16.15	Lab Tour: Experimental Hall (09.1, E10), Hydrogen Lab (06.2, E10) <i>Dr. E.-A. Reinecke, Forschungszentrum Jülich, IEK-6</i>
16.15	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.