

HITEC Methods Day

Title: X-Ray methods in materials research
Date: November 15, 2013
Time: 9:00 – 17:30 o'clock
 afterwards *get together* with snacks and drinks
Location: [Forschungszentrum Jülich](#) ► Build. 14.6, R 241

9:00 - 9:15	Welcome and Introduction <i>Prof. Tilmann Beck, Forschungszentrum Jülich, IEK-2</i>
9:15 – 10:15	X Ray Spectroscopy in Micro- and Nanoanalysis <i>Dr. Egbert Wessel, Forschungszentrum Jülich, IEK-2</i>
10:15 – 11:15	<i>Industrial X-Ray Computer Tomography, Fundamentals and Application</i> <i>Dr.-Ing. Michael Maisl, Fraunhofer Institut für Zerstörungsfreie Prüfverfahren, Saarbrücken</i>
11:30 – 12:30	Infrastructure for Technical Radiology and Computer Tomography <i>Fred Pauly, Labtour ZEA-1 in 2 groups, 30 minutes each (Build. 2.3, R 303, 'Hallenanbau')</i>
12:30 – 13:45	Lunch, for docs at own costs at Seecasino
13:45 – 15:15	Stress Analysis by Means of Diffraction Methods <i>Dr.-Ing. Jens Gibmeier, KIT</i>
15:15 – 15:45	<i>Coffee Break</i>
15:45 – 16:45	Introduction to Neutron Methods in Materials Research <i>Dr. Raphael Hermann, Forschungszentrum Jülich, JCNS-2</i>
16:45	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.