

## HITEC Methods Day

**Title:** Coating Technology

**Date:** 26 May, 2015

**Time:** 9:00 –17:00 o'clock  
afterwards *get together* with snacks and drinks

**Location:** [Forschungszentrum](#) ► Buildg. 4.8, Lecture Hall, R 365

9:00 – 9:15	<b>Welcome and Introduction</b>
9.15 – 9.45	Introduction to Coating Technology <i>Prof. Robert Vaßen, Forschungszentrum Jülich, IEK-1</i>
9.45 – 10.30	Thin Film Deposition Technologies <i>Dr. Sven Uhlenbruck, Forschungszentrum Jülich, IEK-1</i>
10.30 – 11.00	Coffee-break
11.00 – 11.45	Industrial Magnetron Sputtering – 40 years history & present challenges, <i>Dr. Johannes Strümpfel, Von Ardenne GmbH, Dresden</i>
11.45 – 12.30	Coatings by Wet Chemical Methods <i>Dr. Norbert Menzler, Forschungszentrum Jülich, IEK-1</i>
12.30 – 13.30	Lunch-break – at own costs for Docs
13.30 – 14.15	Membrane separation layers by means of sol gel techniques <i>Prof. Louis Winnubst, University of Twente</i>
14.15 – 15.00	Thermal Spray Coatings <i>Dr. Georg Mauer, Forschungszentrum Jülich, IEK-1</i>
15.00 – 15.45	Laser Assisted Coating Deposition <i>Alex Kalawrytinios, Pallas GmbH &amp; Co. KG, Würselen</i>
15.45 – 17.00	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.