



HITEC Symposium

Lecture Theatre
Building 4.7 (ZB)
25 April 2016

13:00	On-Site Registration	
14:00	Welcome	
14:10	Bruno Jasper, IEK-4	Tungsten-fibre reinforced tungsten – making a brittle material ductile
14:30	Akbar bin Kaderi, ZEA-3	Studying corrosion mechanism of high temperature alloys using ambient pressure XPS
14:50	Simone Köcher, IEK-9	What does Li ⁺ do in batteries? - combining theory and NMR spectroscopy for a fresh view on ion mobility
15:10	Christian Kubelt, IEK-6	Interaction and depletion behavior of representative nuclear severe accident aerosols
15:30	Thomas Meisehen, Bergische Universität Wuppertal	Measuring hydrogen isotope ratios of atmospheric volatile organic compounds: A new insight into atmospheric processes
15:50	Coffee break	30 Minutes
16:20	Markus Mutter, IEK-1	Stress evolution during plasma spraying of zirconia
16:40	Michael Rolletter, IEK-8	Kinetic studies of important HO _x reactions at lower-tropospheric conditions
17:00	Mengchu Tao, IEK-7	How polar warmings are drying the stratosphere
17:20	Félix Urbain, IEK-5	Hydrogen from sunlight: solar fuel production using thin film silicon solar cells
17:40	Ying Zou, IEK-2	Mechanical characterization of ceramic membranes
18:00	Break	75 Minutes
Evening Programme		
19:15	Dinner: Appetizers	20 Minutes
19:35	HITEC Communicator Awards for the 3 best scientific talks	
19:45	Dinner: Buffet	