



HITEC Symposium

Lecture Theatre
Building 4.7 (ZB)
13 July 2018

11:30	On-Site Registration	
12:00	Opening and Welcome	Prof. Dr. Harald Bolt and Prof. Dr. Uwe Rau
12:20	Jakob Fritz, IEK-10	Model predictive control of energy systems under real-world conditions
12:40	Isabell Krisch, IEK-7	Surfing from Iceland to Estonia – gravity waves travel far through the atmosphere
13:00	Arvid Niemöller, IEK-9	What electron spins tell us about electrochemical systems
13:20	Manuel Pomaska, IEK-5	Transparent passivated contact for silicon heterojunction solar cells
13:40	Coffee break	30 Minutes
14:10	David Reimer, IEK-8	Isoprene oxidation in the atmosphere – Products under urban and pristine conditions
14:30	Janina Schmitz, IEK-4	Smart tungsten alloys – Advanced armour for future fusion power plants
14:50	Patrick Vliex, ZEA-2	Scalable integrated low power circuits for Qubit control
15:10	Marc Weikamp, IEK-2	A new twist on tilts: Coupled interface motion and precipitation in steels
15:30	Jan Wohland, IEK-STE	Climate and renewable energy: A love story?
15:50	End of the event	Prize ceremony of the HITEC Communicator Award at the HITEC Summer Party, 17:15
HITEC Summer Party		
17:00	Welcome	
17:15	HITEC Communicator Awards	for the 3 best scientific talks at the HITEC Symposium
17:30	Barbecue	