

ESAS International Summer School on Materials and Applications of Superconductivity
12-16 July 2010

Place

Karlsruher Institute of Technology
 Institute for Technical Physics
 Hermann-von-Helmholtz-Platz 1
 76643 Eggenstein-Leopoldshafen
 Building 419, Room 104

Draft Program

	Monday, July 12		Tuesday, July 13		Wednesday, July 14		Thursday, July 15		Friday, July 16
		08:00-08:30	Transfer Hotel-KIT	08:00-08:30	Transfer Hotel-KIT	08:00-08:30	Transfer Hotel-KIT	08:00-08:30	Transfer Hotel-KIT
		08:30-09:30	YBCO material <i>Bernhard Holzapfel</i> <i>IFW Dresden</i>	08:30-10:00	Current limiters <i>Christian Schacherer</i> <i>ABB</i>	08:30-10:00	Electronics <i>Michael Siegel</i> <i>KIT</i>	08:30-09:30	Current leads <i>Reinhard Heller</i> <i>KIT</i>
09:30-10:00	Transfer Hotel-KIT	09:30-10:30	LTS material <i>Klaus Schlenga</i> <i>Bruker Energy and Supercon Technologies</i>	10:00-10:30	Break	10:00-10:30	Break	09:30-10:00	Break
10:00-10:30	Welcome & Introduction	10:30-11:00	Break	10:30-12:00	Cables <i>Rainer Soika</i> <i>Nexans</i>	10:30-12:00	Electronics <i>Michael Siegel</i> <i>KIT</i>	10:00-12:00	Extended lab tour at ITEP
10:30-12:00	Physics <i>Archie Campbell,</i> <i>Cambridge</i>	11:00-12:00	Stability <i>Mathias Noe</i> <i>KIT</i>	12:00-13:30	Lunch	12:00-13:30	Lunch	12:00-13:30	
12:00-13:30	Lunch	12:00-13:30	Lunch	12:00-13:30	Lunch	12:00-13:30	Lunch	12:00-13:30	Lunch
13:30-14:30	Physics <i>Archie Campbell,</i> <i>Cambridge</i>	13:30-14:45	AC loss <i>Fedor Gömöry</i> <i>Slovak Academy of Science</i>	13:30-15:00	Machines <i>Wolfgang Nick</i> <i>Siemens Corporate Techn.</i>	13:30-15:00	Cryogenic high voltage engineering <i>Stefan Fink</i> <i>KIT</i>		Departure
14:30-15:30	BSCCO materials <i>Wilfried Goldacker</i> <i>KIT</i>	14:45-15:00	Break	15:00-15:30	Break	15:00-15:30	Break		
15:30-16:00	Break	15:00-16:15	Simulation and modelling <i>Francesco Grilli</i> <i>KIT</i>	15:30-17:00	Transformer & SMES <i>Pascal Tixador</i> <i>INP Grenoble</i>	15:30-17:00	Cryogenics <i>Holger Neumann</i> <i>KIT</i>		
16:00-17:00	MgB₂ material <i>Sonja Schlachter</i> <i>KIT</i>	16:15-16:30	Break						

17:00-18:00	Introduction summer school participants	16:30-18:00	magnets <i>Peter Komarek</i> <i>KIT</i>	17:00	Transfer to Hotel	17:00-18:00	Transfer
18:00-21:00	Barbecue	18:00-21:00	Depending on weather Dinner at Lakeside		Free	18:00-??:00	Dinner at Badisch Brauhaus
21:00	Transfer to Hotel	21:00	Transfer to Hotel				