

General Schedule of FINESSE Training Event 3 – Jena, Germany

Day	Topic	Time	Lecturer
Monday 9.4.2018	Doped Silica – Optical properties, defects, impurities and Gas phase deposition technologies – Part I	09:00 – 10:10	Laurent Bigot (Uni Lille)
	Gas phase deposition technologies – Part II and Powder based fabrication techniques	10:10 – 11:20	Robert Müller (IPHT)
	<i>Coffee break</i>	11:20 – 11:50	
	Fiber drawing and the principles of coating application	11:50 – 12:40	Jens Kobelke (IPHT)
	<i>Lunch</i>	12:40 – 14:00	
	<i>Demonstration MCVD</i>	14:00 – 15:00	
	Rare-earth-doped fibers for fiber lasers and amplifiers	15:00 – 15:50	Matthias Jäger (IPHT)
Tuesday 10.4.2018	Fiber characterization (optical properties, tensile strength, NA, ...)	09:00 – 09:50	Anka Schwuchow
	High power cw fiber laser and its limitations	09:50 – 10:40	Thomas Schreiber (IOF)
	<i>Coffee break</i>	10:40 – 11:00	
	Tuneable fiber lasers based on fiber Bragg gratings	11:00 – 11:50	Matthias Jäger (IPHT)
	Supercontinuum generation with ultrashort pulses in silica fibers	11:50 – 12:40	Alexander Hartung (IPHT)
	<i>Lunch</i>	12:40 – 14:00	
	<i>Demonstration Fiber drawing and coating application</i>	14:00 – 15:00	
	High Power Fiber Lasers with advanced fiber designs	15:00 – 15:50	P. Roy (XLIM)
Wednesday 11.4.2018	Draw tower fiber Bragg gratings in multicore fibers for curvature sensing	09:00 – 09:50	Jan Van Roosbroeck (FBGS)
	FBG in sapphire and sapphire derived hybrid fibers	09:50 – 10:40	Tino Elsmann (IPHT)
	<i>Coffee break</i>	10:40 – 11:00	
	Gradient index micro optics	11:00 – 11:50	Bernhard Messerschmidt (Grintech)
	Microstructured optical fibers - Principles of fabrication	11:50 – 12:40	Johannes Nold (IOF)
	<i>Lunch</i>	12:40 – 14:00	
	<i>Demonstration Stacking</i>	14:00 – 15:00	
	Antiresonant fibers for UV transmission	15:00 – 15:50	Markus A. Schmidt (IPHT)
	<i>SOCIAL EVENT</i>	19:00 – 22:00	