

**Monday June 2 Location: Seminar Room 0.151 (Basement)**

Start		
	<b>HOMTech Workshop &amp; Training School 5 Day 1</b>	
10:00	Introduction	B.Schmauss
	<b>Students Presentations 10 min talk, 5 min discussion</b>	
10:30	Mode Conversion of Quantum State	Rodrigo Silva
10:45	Measurements and analysis of intermodal nonlinearities	Manish Raj
11:00	Break	
11:15	Modelling of HOM technologies for transmission and sensing	Divya Ann Shaji
11:30	Lasers, microscopy imaging and probing using HOM fibres	Kaifa Xin
11:45	Fabrication, simulation and characterization of few mode Rare earth doped amplifier fibres and other specialty fibres	Robert Petersen
12:00	Break	
12:15	Characterization Techniques and Methods for Space Division Multiplexing	Besma Kalla
12:30	Mode converters for use in free space communication	Tim Julian Wörmann
12:45	Lunch Break	
14:15	LP modes for Quantum Communication	Inaki Beraza
14:30	Distributed characterization and sensing using HOM fibres	Loreto Valentina Romero
14:45	Distributed sensing with few mode fibers	Brhanu Areaya
15:00	Break	
15:15	General discussion on Talks, Projects and Perspectives	all
15:45	Break	
16:00	<b>Presentation of Startup Golden Devices</b>	Mark Sippel
17:00	End of first day	

**Tuesday June 3 Location: Seminar Room 5.222 (5<sup>th</sup> floor, Cauerstr. 9, LHFT)**

Start		
9:00	Invention and Patents Part 1	Martin Golze, FAU patent officer
9:45	Break	
10:00	Invention and Patents Part 2	
10:45	Break	
11:00	Discussion	
11:45	Lunch break	
	Visit to Nürnberg or Erlangen	PhD students
13:15	Supervisory Board Meeting <b>in Room 0.151</b>	PIs
17:30	Dinner at Thalmühle <a href="https://www.thalmuehle.de">https://www.thalmuehle.de</a>	all

**Wednesday June 4 Location: Seminar 0.151 (Basement)**

Start		
9:00	Startup presentation Pelora	Johanna Geiß
9:45	Break	
10:00	Distributed fiber sensing	Bernhard Schmauss
10:45	Break	
11:00	Hollow Core Fibers	Michael Frosz, MPL
11:45	Lunch break	
13:15	Hollow Core Fiber sensing	Jasper Freitag
14:00	Break	
14:15	Lab tours in 2 Groups	all
16:00	End of Training School	