



25th European Doctoral School on Metamaterials
Novel terahertz and infrared metamaterials
Copenhagen, Denmark, August 29-30, 2014

Program:

Friday 29

Hour	Topic	Lecturer
08:00 - 09:00	Registration	
09:00 - 09:10	Welcome and outline of the school	
09:10 - 10:20	Introduction to terahertz science and technology - 1	P. Uhd Jepsen
10:20 - 10:40	Coffee break	
10:40 - 12:00	Non-linear and reconfigurable metamaterials from microwaves to Terahertz and infrared	M. Lapine
12:00 - 13:30	Lunch	
13:30 - 14:50	Graphene for THz and IR metamaterials and plasmonics	J. G. de Abajo
14:50 - 15:10	Coffee break	
15:10 - 16:30	Mid-IR metamaterials and devices	G. Shvets
16:30	Joint social event with OSA and SPIE Student Chapters	

Saturday 30

Hour	Topic	Lecturer
09:00 - 10:20	THz metamaterials: fabrication, characterization and applications - 1	D. Mittleman
10:20 - 10:40	Coffee break	
10:40 - 12:00	THz metamaterials: fabrication, characterization and applications - 2	D. Mittleman
12:00 - 13:30	Lunch	
13:30 - 14:50	Introduction to terahertz science and technology - 2	P. Uhd Jepsen
14:50 - 15:10	Coffee break	
15:10 - 16:30	Light-matter interactions in 2D materials: from physics to devices	T. Low
16:30 - 16:40	Closing remarks	