

School on “Metamaterials from THz to Optics”

Minoa Palace hotel – meeting room Athina (main building)

Program

Saturday, September 17

08:00-8:50	Registration
8:50-9:00	Opening Ceremony
9:00-10:00	Thomas Koschny (Ames Lab, Iowa, USA) Challenges and recent progress in metamaterials and metasurfaces at optical frequencies
10:00-11:00	Ramon Jose Paniagua Dominguez (A-star, Singapore): Dielectric metamaterials and metasurfaces
11:00-11:30	Coffee break
11:30-13:00	Martin Wegener (KIT, Karlsruhe, Germany) 3D optical metamaterials and 3D optical cloaking
13:00-14:30	Lunch
14:30-16:00	Kosmas Tsakmakidis (University of Ottawa, Canada) Active and quantum metamaterials: From full loss-compensation to quantum self-organized criticality
16:00-16:30	Coffee break
16:30-17:30	Philippe Tassin (Chalmers, Sweden) Graphene in terahertz and optical metamaterials
17:30-18:00	Maria Maragkou (Nature Materials, London) Preparing publications for Nature journals
19:00	School dinner

Sunday, September 18

9:00-10:30	Harald Giessen (University of Stuttgart, Germany) Complex plasmonics - chiral and nonreciprocal
10:30-11:00	Coffee break
11:00-12:30	Jacob Khurgin (Johns Hopkins University, Baltimore, Maryland, USA) Losses in plasmonics and metamaterials and prospective techniques for their mitigation
12:30-14:00	Lunch
14:00-15:00	Zuben Jacob (Purdue, USA) Thermal metamaterials
15:00-15:30	Coffee break
15:30-16:30	Mikhail Lapine (University of Technology, Sydney, Australia) Design and analysis of nonlinear and tunable metamaterials
16:30-17:30	Manolis Antonoyannakis (APS, USA) Selectivity, prestige, and high-impact in science publishing: An APS perspective
17:30-17:40	Closing remarks