



18th European Doctoral School on Metamaterials

Effects to be observed with metamaterials and applications thereof

Siena, Italy, July 18-22, 2011

Program:

Monday 18

Hour	Topic	Lecturer
08:30 - 10:30	Plasmonic nanorod metamaterials	A. Zayats
10:30 - 12:30	Plasmonic crystals	A. Zayats
14:00 - 16:00	Active metamaterials and chirality	N. Zheludev
16:00 - 18:00	Nonlinear plasmonics	A. Zayats
18:00	Welcome reception	

Tuesday 19

Hour	Topic	Lecturer
08:30 - 10:30	Metasurfing	S. Maci
10:30 - 12:30	Sub-wavelength focusing effects of Plasmons	M. Albani
14:00 - 16:00	Poster session	

Wednesday 20

Hour	Topic	Lecturer
08:30 - 10:30	Chirality	S. Tretyakov
10:30 - 12:30	Bianisotropic effects	S. Tretyakov
14:00 - 16:00	Nonlinear effects in guided waves and metamaterials	A. Boardmann

Thursday 21

Hour	Topic	Lecturer
08:30 - 10:30	Artificial magnetism in nanocluster metamaterials (I)	A. Vallecchi
10:30 - 12:30	Artificial magnetism in nanocluster metamaterials (II)	A. Vallecchi
14:00 - 18:00	Social event - Guided tour of Siena's cathedral and its museum	A. Boardmann
20:00	Social dinner - "Orto de'Pecci"	



Friday 22

Hour	Topic	Lecturer
08:30 - 10:30	Transformation optics and cloaking (I)	S. Maci
10:30 - 12:30	Transformation optics and cloaking (II)	Y. Hao
14:00 - 16:00	Transformation optics and cloaking (III)	Y. Hao