



10th European Doctoral School on Metamaterials

Women in Photonics (WiP) School on Photonic Metamaterials

Paris, France, April 14-18, 2008

Program:

Sunday 13

Hour	Topic	Lecturer
17:30 - 19:00	Registration open	
19:00 - 20:30	Welcome Party	
19:30 - 20:00	Don't miss in Paris (virtual tour to Paris)	

Monday 14

Hour	Topic	Lecturer
8:45 - 09:00	Opening Ceremony	
09:00 - 09:30	FP7: NMP programme and opportunities for young researchers	A. De Baas
09:30 - 11:00	Basic electromagnetism for photonic metamaterials	M. Kafesaki
11:00 - 11:30	Coffee break	
11:30 - 13:00	Photonic crystals: main concepts and equations	S. Foteinopoulou
13:00 - 14:30	Lunch	
14:30 - 14:50	Where they all have gone?...	N. Pascall
14:50 - 16:20	Plasmonics: main concepts and equations	T. Teperik
16:20 - 16:50	Coffee break	
16:50 - 17:50	Basics of single negative and double negative metamaterials	E. Shamonina
17:50 - 18:20	Near field imaging with Metamaterials	A. Radkovskaya

Tuesday 15

Hour	Topic	Lecturer
09:00 - 10:30	Photonic crystals: review of the field – recent developments – perspectives	W. Vas
10:30 - 11:00	Coffee break	
11:00 - 12:00	Photonic crystal fabrication technique	S. Pietralunga
12:00 - 13:00	Metamaterials: translation from physicists to engineers and viceversa	S. Tretyakov
13:00 - 14:30	Lunch	
14:30 - 16:00	Metamaterials: review of the field and recent developments	C. Soukoulis
16:00 - 16:30	Coffee break	
16:30 - 17:30	Planar Metamaterials obtaining new functionalities beyond negative refraction	N. Zheludev



17:30 - 18:00	Metamorphose NoE roadmap	S. Tretyakov
20:00 - 22:00	School dinner	

Wednesday 16

Hour	Topic	Lecturer
09:00 - 10:30	Making the most of your presentation	J. L. Doumont
10:30 - 11:00	Coffee break	
11:00 - 12:00	Transmission lines (TL) and TL-based Metamaterials – introduction and review of the field	I. Vendik
12:00 - 13:00	Electromagnetic modeling of photonic materials	F. Olyslager
13:00 - 14:30	Lunch	
14:30 - 14:50	Women in engineering? (Prometea project)	C. Pinault
14:50 - 16:20	Plasmonics: review of the field, recent developments and main applications	A. Boltasseva
16:20 - 18:30	Poster session (with short 1-2 slide presentations of participants, including coffee break)	

Thursday 17

Hour	Topic	Lecturer
09:00 - 10:00	Dielectrics for metamaterials	E. Semouchkina
10:00 - 11:00	Photonic materials in biological applications	C. Gergely
11:00 - 11:30	Coffee break	
11:30 - 13:00	Structuring your scientific paper	J. L. Doumont
13:00 - 14:30	Lunch	
14:30 - 15:30	Non-linear effects in PCs and metamaterials	C. Sibilica
15:30 - 16:00	Phoremost NoE roadmap	S. Pietralunga
16:00 - 16:30	Coffee break	
16:30 - 17:30	Dynamically controllable metamaterials	I. Vendik

Friday 18

Hour	Topic	Lecturer
09:00 - 10:00	Electrically controllable PCs and metamaterials and their industrial application	F. Gadot
10:00 - 11:00	Carbon nanotubes for photonics	E. Obraztsova
11:00 - 11:30	Coffee break	
11:30 - 12:30	Self-organization approach to photonic crystals and metamaterials	D. A. Pawlak
13:00 - 14:30	Closing ceremony	
16:00 - 16:30	Lunch	