



# 11th European Doctoral School on Metamaterials

## General Synthesis of Metamaterials and their Modelling by Homogenization

Marrakesh, Morocco, May 5-6, 2008

### Program:

#### *Monday 5*

Hour	Topic	Lecturer
09:00 - 09:30	Registration	
09:30 - 09:40	Welcome	S. Zouhdi, F. Capolino
09:40 - 11:00	Metamaterial designs and properties. Artificial material in planar technology in the microwaves range: Lecture and open interactive discussion	F. Capolino
11:00 - 11:30	Coffee break	
11:30 - 12:30	Homogenization: Lecture and open interactive discussion	M. Silveirinha
12:30 - 14:00	Lunch	
14:00 - 15:30	Homogenization: Lecture and open interactive discussion	M. Silveirinha
15:30 - 16:30	Homogenization: Lecture and open interactive discussion	A. Bossavit
16:30 - 17:00	Coffee break	
17:00 - 18:30	Homogenization: Lecture and open interactive discussion	A. Bossavit

#### *Tuesday 6*

Hour	Topic	Lecturer
09:00 - 10:30	Metamaterial designs and properties: Lecture and open interactive discussion	C. Soukoulis
10:30 - 11:00	Coffee break	
11:00 - 12:30	Metamaterial designs and properties DNG and SNG Metamaterial Designs and Realizations for Practical Applications. Lecture and open interactive discussion	R. Ziolkowski
12:30 - 14:30	Lunch	
14:30 - 15:00	Open interactive discussion	
15:00 - 16:30	Metamaterial designs and properties. Split Ring Metamaterials: Lecture and open interactive discussion	R. Marques
16:30 - 17:00	Coffee break	
17:00 - 18:30	Homogenization: Lecture and open interactive discussion	A. Vinogradov