



## 3th European Doctoral School on Metamaterials

### Fabrication and Characterization of Metamaterial Based Devices

Villeneuve d'Ascq, France, May 15 -17, 2006

#### Program:

##### *Monday 15*

Hour	Topic	Lecturer
10:15 - 10:30	Welcome	
10:30 - 12:15	General Introduction on Micro and Nanotechnology	D. Lippens
12:15 - 14:00	Lunch	
14:00 -15:45	Structuring dielectrics and metals part I photonic crystals in semiconductors	D. Pawlak
15:45 - 16:15	Coffee break	
16:15 - 18:00	SRR's –wire and related particles	E. Lheurette
19:00	Visit of Lille Old Town	

##### *Tuesday 16*

Hour	Topic	Lecturer
09:00 - 10:45		M. Armstrong
10:45 - 11:15	Coffee break	
11:15 - 13:00	MOCVD techniques applied to metamaterial technology	
13:00 -14:30	Lunch	
14:30 - 16:15	Technological challenges on deep submicron and nanometers scale	S. Arscott
16:15 - 17:45	Coffee break and Laboratory Tour	
19:00	Social Events	

##### *Wednesday 17*

Hour	Topic	Lecturer
09:00 - 10:45	Characterization in Terahertz Optics	J.F. Lampin
10:45 - 11:15	Coffee break	
11:15 - 13:00	Experimental characterization of metalines metasurfaces and metamaterials	I. Huynen
13:00 -14:30	Lunch	
14:30 – 16:30	MEMS and MOEMS routes (Microfluidics and tunable capacitance)	L. Buchailot
16:30	Concluding Remarks	