

## NEWCOM Winter School Program

	<b>Tuesday 3/02/09</b>	<b>Wednesday 4/02/09</b>	<b>Thursday 5/02/09</b>	<b>Friday 6/02/09</b>
<i>Morning session</i>				
09:00 – 10:00	Introduction to Flexible Radio (A. Polydoros)	NoC and MPSoC - programming and design (Fabien Clermidy, CEA)	Power amplifiers and advanced transmitters for multistandard multiband applications (Renato Negra)	Introduction to Flexible Networks/Cognitive Radio (Petri Mahonen)
10:00 – 11:00	General AMC design procedure (A. Polydoros - A. Zalonis)			
<i>Break</i>				
11:15 – 12:00	Flexible codes (A. Polydoros)	ASIP-based MPSoC for channel decoding (Amer Baghdadi)	MPSoC platform design methodologies and tools (Prof. Leupers)	Adaptive RRM Techniques (Ramon Agusti)
12:00 – 13:00	Flexible multicarrier Waveforms (A. Polydoros - S. Stefanatos)			
<i>Afternoon session</i>				
14:00 – 15:00	Algorithmic Design and Architectures for MPSoC Wireless Communications (H. Meyr, K. Nikitopoulos)	OpenAirInterface Simulation/Emulation demonstration (R.Knopp)	Workshop	Dynamic Spectrum Access (Ramon Agusti)
15:00 – 16:00				
<i>Break</i>				
16:15 – 17:00	Heterogeneous MPSoCs as the enabler of Software Defined Radios (Torsten Kempf)	Workshop	Workshop	Game Theory approach to flexible RRM and spectrum sharing (Hanna Bogucka)
17:00 – 18:00				