

Metamaterials

10th-15th October



2011
Barcelona

Session Matrix

Monday, 10th October

Room Hour	Barcelona A	Barcelona B	Sants / Montjuïc	Sarrià / Sant Gervasi
09:00-09:30	Opening Ceremony			
09:30-10:30	Plenary Session (I)			
10:30-11:00	Coffee Break ▶ Foyer			
11:00-13:00	Plenary Session (II)			
13:00-14:30	Lunch ▶ La Cantina de l'Estació, 1 st floor			
14:30-16:10		Plasmon polariton optics	RF and microwave metamaterials 1	Symmetry properties of metamaterials
16:10-16:30	Coffee Break			
16:30-18:10		Plasmonic metamaterials 1	Fabrication of metamaterials 1	Applications of metamaterials 1
18:10-20:10	Welcome Reception ▶ Hall, Ground Floor			

Tuesday, 11th October

Room Hour	Barcelona A	Barcelona B	Sants / Montjuïc	Sarrià / Sant Gervasi
08:20-10:00		Advanced metamaterials and their applications	Nanoplasmonics: Design and fabrication	Planar metamaterials 1
10:00-11:20	Poster Session 1 + Coffee Break			
11:20-13:00		Special Session: Fano phenomena and electromagnetically induced transparency	RF and microwave metamaterials 2	Theory of metamaterials 1
13:00-14:30	Lunch ▶ La Cantina de l'Estació, 1 st floor			
14:30-16:10		Tunable and tailorable metamaterials	Plasmonic metamaterials 2	Applications of metamaterials 2
16:10-16:30	Coffee Break			
16:30-18:10		Fabrication and experimental characterization of metamaterials	Photonic crystals	Acoustic metamaterials
18:10-19:10		Discussion Forum: Theoretical foundations for homogenization		

Session Matrix

Wednesday, 12th October

Room Hour	Barcelona A	Barcelona B	Sants / Montjuïc	Sarrià / Sant Gervasi
08:20-10:00		Carbon and quantum metamaterials 1	Chiral metamaterials	Tunable and nonlinear metamaterials
10:00-11:20	Poster Session 2 + Coffee Break			
11:20-13:00		Special Session: Superconducting meta- materials & plasmonics	Superlenses	Planar metamaterials 2
13:00-14:30	Lunch ▶ La Cantina de l'Estació, 1 st floor			
14:30-16:10		Plasmonics metamaterials 3	Transformation electromagnetics and cloaking 1	Theory of metamaterials 2
16:10-16:30	Coffee Break			
16:30-17:30		Plasmons	Planar metamaterials 3	Applications of micro- wave metamaterials
17:30-20:30	Visit to Montserrat and Conference Banquet			

Thursday, 13th October

Room Hour	Barcelona A	Barcelona B	Sants / Montjuïc	Sarrià / Sant Gervasi
08:20-10:00		Antenna applications	Theory of superlensing	Extraordinary transmission & gratings
10:00-11:20	Poster Session 3 + Student Paper Competition + Coffee			
11:20-13:00		Special Session: Magnonics	Nonlinear metamaterials	GHz and THz metamaterials
13:00-14:30	Lunch ▶ La Cantina de l'Estació, 1 st floor			
14:30-16:10		Experimental character- ization of metamaterials	Theory of metamaterials 3	Transformation electromagnetics and cloaking 2
16:10-16:30	Coffee Break			
16:30-18:10		Millimeter-wave and THz metamaterials	Carbon and quantum metamaterials 2	Dielectric and non- resonant metamaterials
18:10-18:40		Closing Ceremony		

Regular Sessions

Special Sessions

Poster Sessions

Plenaries and other Sessions