

## WEDNESDAY 27TH JUNE 2012

PALAGALILEO	PALAZZO DEL CINEMA	CASINÒ FIRST FLOOR				CASINÒ SECOND FLOOR				CASINÒ THIRD FLOOR			
		FESTE	HOFFMAN	PERLA	WELLES	AMICI	MANGANO	MARTINELLI	ROSSI DRAGO	MEZZALUNA	MOSAICI 1	MOSAICI 2	TOM HANKS
Session We1.1	Session We1.2	Session We1.3	Session We1.4	Session We1.5	Session We1.6	Session We1.7	Session We1.8	Session We1.9	Session We1.10	Session We1.11	Session We1.12	Session We1.13	Session We1.14
T.S. Multiscale analysis of composite materials	T.S. Biocomposites: synthesis, performance and applications of biobased composite materials	Complex materials for self-healing, regeneration and structural remodeling	T.S. Processing of thermoplastic composite materials	T.S. Structural Performance and Damage Tolerance of Advanced Composites	G.S. Nanocomposites: Preparation and characterisation 1	T.S. Mechanical behaviour of 3D textile reinforcements	G.S. Experimental Techniques 1 - Digital Image analysis	T.S. Manufacturing defects: characterisation and effect on failure	G.S. Hybrid composites 1	T.S. Joining of composite materials	T.S. Composite materials for energy storage	G.S. Interfaces and interphases 1	G.S. Ceramic matrix: Preparation and characterisation 1
Plenary Lecture 3: <b>FRACTURE MECHANISM OF DELAMINATION UNDER FATIGUE LOADING -EFFECT OF MICROMECHANISM</b> Masaki Hojo (Kyoto University) PALAZZO DEL CINEMA													
Session We2.1	Session We2.2	Session We2.3	Session We2.4	Session We2.5	Session We2.6	Session We2.7	Session We2.8	Session We2.9	Session We2.10	Session We2.11	Session We2.12	Session We2.13	Session We2.14
T.S. Multiscale analysis of composite materials	T.S. Biocomposites: synthesis, performance and applications of biobased composite materials	Complex materials for self-healing, regeneration and structural remodeling	T.S. Processing of thermoplastic composite materials	T.S. Multiaxial fatigue	G.S. Nanocomposites: Preparation and characterisation 2	T.S. Textile composites	G.S. Experimental Techniques 2 - Material testing and characterisation	T.S. Manufacturing defects: characterisation and effect on failure	G.S. Hybrid composites 2	T.S. Joining of composite materials	T.S. Composite materials for energy storage	G.S. Interfaces and interphases 2	G.S. Ceramic matrix: Preparation and characterisation 2
Keynote Lecture 5: <b>STRUCTURAL COMPOSITE CAPACITORS, SUPERCAPACITORS, AND BATTERIES</b> Eric Wetzel (US Army Research Laboratory-USA) PALAZZO DEL CINEMA						Keynote Lecture 6: <b>POLYMER NANOCOMPOSITES FOR ENERGY APPLICATIONS</b> Emmanuel P. Giannelis (Cornell University-USA) PERLA							
Session We3.1	Session We3.2	Session We3.3	Session We3.4	Session We3.5	Session We3.6	Session We3.7	Session We3.8	Session We3.9	Session We3.10	Session We3.11	Session We3.12	Session We3.13	Session We3.14
T.S. Multiscale analysis of composite materials	T.S. Biocomposites: synthesis, performance and applications of biobased composite materials	Complex materials for self-healing, regeneration and structural remodeling	T.S. Innovative Manufacturing in Composites	T.S. Composites for aeronautic applications	G.S. Nanocomposites: Preparation and characterisation 3	T.S. Composites repair	G.S. Experimental Techniques 3 - Material testing and characterisation	G.S. Nanocomposites: Mechanical properties 1	G.S. Hybrid composites 3	T.S. Joining of composite materials	T.S. Composite materials for energy storage	T.S. Interfaces and Interphases	G.S. Health monitoring - Physical sensing
Session We4.1	Session We4.2	Session We4.3	Session We4.4	Session We4.5	Session We4.6	Session We4.7	Session We4.8	Session We4.9	Session We4.10	Session We4.11	Session We4.12	Session We4.13	Session We4.14
ESCM Council Meeting	T.S. Polymer composites for energy applications	Complex materials for self-healing, regeneration and structural remodeling	G.S. Processing and manufacturing 2	T.S. Structure-property relationship in polymer composites/ nanocomposites	G.S. Nanocomposites: Preparation and characterisation 4	T.S. Composites repair	G.S. Experimental Techniques 4	G.S. Nanocomposites: Mechanical properties 2	G.S. Recycling	G.S. Low cost technologies	T.S. Composite materials for energy storage	G.S. Polymer matrix composites 2	G.S. Health monitoring - physical sensing and NDE technologies