Scientific Program

Thursday, April 16th 2015

9:30-10:00	**Welcome and opening**	Opening address
10:00-10:30 10:30-11:00	Plenary lecture Francesco dell'Isola	Micro structured n-th gradient continuum models including piezoelectric elements and electric circuits and some applications to acoustics
11:00-11:30	**Coffee break**	
11:30-12:00 12:00-12:30	Plenary lecture Christopher S. Lynch	Adaptive and architected magneto electric materials: from modeling to devices
12:30-15:00	**Lunch break**	
15:00-15:30	Simon Chesné	Energy Transfer between Modes to Enhance Vibration Damping of Smarts Structures
15:30-16:00	Lissek Hervé	Electroacoustic metamaterials: achieving broadband negative acoustic properties through structured electroa coustic resonators arrays
16:00-16:30	Giuseppe Piccardo	Pantographic- and arch-type structures as examples of piezomechanic passive controlled systems
16:30-19:00	**Round Table** **Chairman: Lynch**	

Friday, April 17th 2015

08:30-09:00 09:00-09:30	Plenary lecture Manuel Collet	Distributed Control of Vibroacoustic Systems by Metacomposites Programming
09:30-11:30	**Visit to the Pointed arch in the walls**	
11:30-12:00	**Coffee break**	
12:00-12:30 12:30-13:00	Plenary lecture Massimo Ruzzene	Multifield Interactions for Wave Control and Energy Conversion in Programmable Metamaterials
13:00-14:30	**Lunch break**	
14:30-15:00	Giuseppe Rosi	Wave propagation in strain gradient anisotropic materials: a focus on chirality
15:00-15:30	Caruel Matthieu	Muscle contraction – A mechanical perspective
15:30-16:00	Pasquale Bianco	Toward the realization of a sarcomere-like machine

16:00-18:30	**Round Table** **Chairman: Ruzzene**	
20:00	**Social dinner**	

Saturday, April 18th 2015

10:00-10:30	Payam Soltani	Nonlinear Piezoelectric Tuned Vibration Absorbers
10:30-11:00	Luca Palcidi	Design piezo-electromechanical systems for boundary-prescriptions in strain gradient elasticity
11:00-11:30	**Coffee break**	
11:30-12:00	Discussion	
12:00-12:30		