

## MEDYNA 2013 - 1st Euro-Mediterranean Conference on Structural Dynamics and Vibroacoustics

Tuesday, April 23, 2013

8:00 - 8:30	Registration			
8:30 - 8:40	Opening Ceremony - <i>Manuel Collet (FEMTO-ST, FR)</i>			
8:40 - 9:20	Plenary I - Acoustic properties of sandwich and honeycomb panels <i>Anders Nilsson (Royal Institute of Technology, SE)</i>			
9:20 - 10:00	Plenary II - Turbulent wall-pressure fluctuations: models and relation with fluid dynamics computations <i>Daniel Juvé (Ecole Centrale de Lyon, FR)</i>			
10:00 - 10:30	Coffee break			
10:30 - 12:30	Nonlinear System Dynamics <i>Mohamed Belhaq (FSAC, MA)</i>	Reduced Order Models in Structural Dynamics and Vibroacoustics <i>Jean-François Deü (CNAM, FR)</i>	Smart Materials, Smart Structures and Metacomposites <i>Manuel Collet (FEMTO-ST, FR), Hervé Lissek (EPFL, CH)</i>	Dynamics of Machines and Rotating Machinery <i>Jarir Mahfoud (INSA, FR)</i>

Lunch

14:30 - 15:10	Plenary III <i>Jing Tian (President of Acoustical Society of China, CN)</i>			
15:10 - 15:50	Plenary IV - Modern Model Reduction in Dynamics - much more than just a Mathematical Toy <i>Peter Eberhard (University of Stuttgart, DE)</i>			
15:50 - 16:30	Coffee break Posters session			
16:30 - 17:30	Nonlinear System dynamics <i>Joël Perret-Liaudet (ECL,FR)</i>	Flow Induced Vibrations and Noise <i>Lin Li (SJP, CN)</i>	Vibration Field Measurements and Force Identification <i>Charles Pézerat (LAUM, FR)</i>	Dynamics of Machines and Rotating Machinery <i>Fakher Chaari (ENIS, TN)</i>

Welcome event

Wednesday, April 24, 2013

8:40 - 9:20	Plenary V - Nonlinearities and multifield interactions for adaptive metamaterials <i>Massimo Ruzzene (Georgia Institute of Technology, Atlanta, US)</i>			
9:20 - 10:00	Plenary VI <i>Hachmi Ben Dhia (Ecole Centrale Paris, FR)</i>			
10:00 - 10:30	Coffee break			
10:30 - 11:30	Nonlinear System Dynamics <i>Joël Perret-Liaudet (ECL,FR)</i>	Material & Structural Dynamics <i>Morvan Ouisse (FEMTO-ST, FR)</i>	Smart Materials, Smart Structures and Metacomposites <i>Stephan Rinderknecht (TUD, DE)</i>	Computational Methods in Vibroacoustics and Mid-Frequency <i>Wim Desmet (KUL, BE), Bernard Troclet (LMT, FR)</i>
11:30 - 12:10	Nonlinear Vibrations <i>Bilal Harras (FST, MA)</i>			
12:10 - 12:30				

Lunch

14:30 - 15:10	Plenary VII <i>Goran Pavic (INSA Lyon, FR)</i>			
15:10 - 15:50	Plenary VIII <i>Adnan Akay (Bilkent University, Turkey &amp; Carnegie Mellon University, US)</i>			
15:50 - 16:30	Coffee break Posters session			
16:30 - 17:10	Nonlinear Vibrations <i>Rhali Benamar (EMI, MA)</i>	Material & Structural Dynamics <i>Makrem</i>		Friction Noise <i>Alain Le Bot (ECL, FR)</i>
17:10 - 17:30				
17:30 - 17:50				

Plenary IX - Numerical Design and Analysis of Flexible Structures  
*Eberhard Haug (ESI, DE)*

Gala

Thursday, April 25, 2013

8:20 - 9:00	Plenary X - Nonlinear modes of vibration of structural elements <i>Pedro Ribeiro (University of Porto, PT)</i>			
9:00 - 9:40	Plenary XI - New considerations on the validation and on the optimization of designs in the space domain <i>Jérôme Buffe (Thales Alenia Space, FR)</i>			
9:40 - 10:10	Coffee break			
10:10 - 11:50	Nonlinear Vibrations <i>Rhali Benamar (EMI, MA)</i>	Materials for Vibroacoustics <i>Noureddine Atalla (GAUS, CA)</i>	Robust Design under lack of knowledge <i>Scott Cogan (FEMTO-ST, FR)</i>	Computational Methods in Vibroacoustics and Mid-Frequency <i>Mohamed Ichchou (ECL, FR)</i>
11:50 - 12:10				
12:10 - 12:50	Plenary XII - Synthesis of Ariane 4 & Ariane 5 vibroacoustic studies and perspectives <i>Bernard Troclet (EADS ASTRIUM ST, ENS Cachan, FR)</i>			
12:50 - 13:00	Closing Ceremony - <i>Manuel Collet (FEMTO-ST, FR)</i>			

Lunch