

## International Workshop on Material Modeling: 31/03 - 04/04, 2014

	Saturday	Sunday	Monday (31/03)	Tuesday (01/04)	Wednesday (02/04)	Thursday (03/04)	Friday (04/04)
8:00 - 8:30	Arrival of Participants in São Carlos	Arrival of Participants in São Carlos	Arrival of Participants at SET	Arrival of Participants at SET	Arrival of Participants at SET	Arrival of Participants at SET	Arrival of Participants at SET
8:30 - 9:00			Opening	Visit to SET Installations	Seminar 8		Seminar 15
9:00 - 10:00			Interval	Interval	Discussion		Discussion
10:00 - 10:30			Interval	Interval	Interval	Interval	Interval
10:30 - 11:30			Seminar 1	Seminar 5	Seminar 9	Seminar 12	Seminar 16
11:30 - 12:00			Discussion	Discussion	Discussion	Discussion	Closing
12:00 - 14:00			Lunch	Lunch	Lunch	Lunch	Lunch
14:00 - 15:00			Seminar 2	Seminar 6	Seminar 10	Seminar 13	Return of Participants
15:00 - 15:30			Discussion	Discussion	Discussion	Discussion	
15:30 - 16:00			Interval	Interval	Interval	Interval	
16:00 - 17:00			Seminar 3	Seminar 7	Seminar 11	Seminar 14	
17:00 - 17:30			Seminar 4 (17:00 - 18:00)	Discussion	Discussion	Discussion	
17:30 - 19:00			Cocktail (18:00 - 19:00)	Extra Activities	Extra Activities	Extra Activities	
19:00	Return of Participants to the hotel	Dinner	Dinner	Dinner			

<b>S1:</b> Modeling of Moisture Absorption in Natural Fiber Reinforced Composites	Zheng Zhong <zhongk@tongji.edu.cn>	Tongji University, Shanghai, People's Republic of China
<b>S2:</b> Actively Monitoring Acoustic Wave Propagation by Piezoelectric Materials	Yongdong Pan <ypan@tongji.edu.cn>	Tongji University, Shanghai, People's Republic of China
<b>S3:</b> A Study of Failure of Ellipticity and Secondary Solutions for a Class of Hyperelastic Laminates	Edmar Borges Theóphilo Prado <edmarbt@sc.usp.br>	USP-EESC, SP, Brasil
<b>S4:</b> Multiscale Modeling of Cortical Bone Structure via Asymptotic Homogenization Method	Uziel Paulo da Silva <uziel@sc.usp.br>	USP-EESC, SP, Brasil
<b>S5:</b> A Nonlocal Model in One-Dimensional Mechanics	Darren Edward Mason <dmason@albion.edu>	Department of Mathematics and Computer Science Albion College, Albion, MI, USA
<b>S6:</b> A Linearly Elastic Model for a Peridynamic Body	Adair Aguiar <aguiarar@sc.usp.br>	USP-EESC, SP, Brasil
<b>S7:</b> Generalization of the Moment of Inertia Method to Predict Equivalent Amplitudes of Non-Proportional Multiaxial Stress or Strain Histories	Wu Hao <wuhao@tongji.edu.cn>	Tongji University, Shanghai, People's Republic of China
<b>S8:</b> Mechanics of Hyperelastic Polymeric Membranes	Patrick Selvadurai <patrick.selvadurai@mcgill.ca>	McGill University, Montreal, QC, Canada
<b>S9:</b> Asymptotic Theories for Thin-Walled Beams	Roberto Paroni <rob.paroni@gmail.com>	Università degli Studi di Sassari, Alghero, Italy.
<b>S10:</b> Unexpected Mechanical Behaviours of Simple Elastic Structures	Davide Bigoni <bigoni@ing.unitn.it>	University of Trento, Italy
<b>S11:</b> The Novel Mechanical Structures and Materials for Function of the Inner Ear	Charles Steele <chasst@stanford.edu>	Stanford University, Stanford, CA, USA
<b>S12:</b> Variational Models in Fracture Mechanics	Rodica Toader <rodica.toader@uniud.it>	Università di Udine, Italy
<b>S13:</b> Simulation of Plastic Zone Propagation Around Crack Tips Using Generalized Westergaard Stress Functions: A Variational Approach	Ney Augusto Dumont <dumont@puc-rio.br>	PUC-RJ, RJ, Brasil

<b>S14:</b> Stress-Strain and Ductile Rupture Characterization of IF Steel Tensile Test Specimen	José Divo Bressan <dem2jdb@joinville.udesc.br>	UDESC, SC, Brasil
<b>S15:</b> Statistical Aspects of Cleavage Fracture in Structural Steels: An Engineering Micromechanics Model to Predict Effects of Constraint on Fracture Behavior	Claudio Ruggieri <claudio.ruggieri@usp.br>	USP-Poli, SP, Brasil
<b>S16:</b> On Smooth Approximations through Generalized FEM: Some Applications in Solid Mechanics and Perspectives	Diego Amadeu F. Torres <diego.amadeu@gmail.com>	UFSC, SC, Brasil