

Horário	Mediador(a)	Segunda-feira 5 de março	Mediador	Terça-feira 6 de março
08:00		Recepção e inscrição: café da manhã e entrega do livro Solid Mechanics in Brazil: 2007		
09:00		Abertura		
09:20	Heraldo S. da Costa Mattos (heraldo@pesquisador.cnpq.br)	Recent progress in optimisation, Jun S. O. Fonseca (UFRGS)	Euclides Mesquita (euclides@fem.unicamp.br)	Geometrically and kinematically exact analysis of beams and shells by a meshless approximation method, Paulo de Mattos Pimenta (USP)
09:40				Bifurcated fatigue cracks path and life predictions, J.T. Pinho de Castro (PUC-Rio)
10:00		Analysis of composite sleeve reinforcement systems for metallic pipelines, Heraldo S. da Costa Mattos (UFF)		Mapping of variables in FE analysis of arbitrary cohesive crack propagation, Ricardo A. Einsfield (UERJ)
10:20		Object oriented finite element probabilistic stress analysis, Fernando Menandro (UFES)		Computational simulation of an If-Steel deformed by equal channel angular pressing via the finite element method, Neil de Medeiros (UFF)
10:40	Marco Lúcio Bittencourt (mlb@diablo.fem.unicamp.br)	Constitutive model for 2D analysis of kinematic contact problems, Renato T. Vargas (USP)	Eduardo Fancello (fancello@grante.ufsc.br)	On the effect of limited linear kinematic hardening on shakedown conditions, Nestor Zouain (COPPE)
11:00		Fracture toughness of fiber reinforced polyester polymer concrete, J.M.L. Reis (UFF)		A viscoelastic half space subjected to a harmonic distributed tangential surface stress loading using the Radon and Fourier transform, Euclides Mesquita (UNICAMP)
11:20		After buckling behaviors of thin membranes based on tension field theory and experiments, Aura Conci (UFF)		Numerical analysis of composite structures: creep, aging and failure, G. Creuss (UFRGS)
11:40		Almoço FEA-USP		Almoço FEA-USP
13:00		Visita ao Laboratório de Impacto em Estruturas		Visita ao Tanque Numérico (a confirmar)
14:00	Aura Conci (conci.aura@gmail.com)	A variational framework for a set of hyperelastic-viscoplastic isotropic models, Eduardo Fancello (UFSC)	Adair R. Aguiar (aguiarar@sc.usp.br)	Fatigue crack growth predictions based on damage accumulation ahead of the crack tip, J.T. Pinho de Castro (PUC-Rio)

14:20		A fracture mechanics model for explaining notch sensitivity effects on fatigue crack initiation, J. T. Pinho de Castro (PUC-Rio)		Curved cracks, J.T. Pinho de Castro (PUC-Rio)
14:40		High-order finite elements applied to structural elastic problems, Marco Lúcio Bittencourt (UNICAMP)		Micromechanical approach to strength properties of Drucker-Prager matrix composites, Samir Maghous (UFRGS)
15:00	Nestor Zouain (nestor@ufrj.br)	Simplified analysis in notched mettalic parts undergoing cyclic inelastic deformations, Heraldo S. da Costa Mattos (UFF)	Fernando Menandro (menandro@ct.ufes.br)	Rehabilitation of corroded pipelines with epoxy repair systems, Heraldo S. da Costa Mattos (UFF)
15:20		A comparative study of penalty formulations in elasticity, Adair R. Aguiar (USP)		The boundary element method in the dynamic analysis of symmetric laminate composite plates, Éder L. de Albuquerque (UNICAMP)
15:40		Optimization of elastic structures using boundary elements and a topological-shape sensitivity formulation, Rogério J. Marczak (UFRGS)		
16:00		Intervalo		Intervalo
16:20	G. Creuss (creus@ufrgs.br)	Parameter estimation using digital image correlation and inverse problems, Luiz C. S. Nunes (a confirmar) (UFF)	J.T. Pinho de Castro (jtcastro@mec.puc-rio.br)	Strain rate corrosion testing of austenitic stainless steel by Continuum Damage Mechanics, Heraldo S. da Costa Mattos (UFF)
16:40				Impact in plates, Marcílio Alves (USP)
17:00		A review on the main approaches for determination of the multiaxial fatigue strength, J.C. Balthazar (UNB)		Plenária Final
		Programa cultural e jantar		Jantar Shopping Villa-Lobos - Livraria Cultura