

# Pre-nominated Session FSM3

## Continuum mechanics

Co-Chair(s):        **K.R. Rajagopal (USA)**  
                         **G. Saccomandi (Italy)**

<b>Paper ID</b>	<b>Title</b>	<b>Authors</b>
FSM3S_11096	Pseudo - Rigid Bodies Viewed as Globally Constrained Continua	James Casey
FSM3S_11140	Constitutive Equations of Mesoelastic Deformation	Lev Steinberg
FSM3L_11227	Nonlinear Response of Magnetoelastic Solids	Luis A. Dorfmann, Ray W. Ogden
FSM3S_11247	Application of Continuum Mechanics in the Textile Fabrics	Bohuslav Striz, Brigita Kolcavova Sirkova, Jaroslava Richterova
FSM3L_11347	Generalized Continuum Mechanics: Three Paths	Gerard A. Maugin
FSM3L_11515	Deformation of Solder Joints Under Current Stressing: Experimental Measurement and Numerical Simulation	Hua Ye, Cemal Basaran, Douglas C. Hopkins, Darrel Frear
FSM3S_11638	Viscoelastic Fluid Flows in a Falling Cylinder Viscometer and the Evaluation of Shear Viscosity	Victor M. Tigoiu
FSM3S_11642	Fundamental Inequalities for the Bounds on the Effective Transport Coefficients of Two--Phase Media	Stanislaw Tokarzewski, Jozef Joachim Telega, J. Gilewicz
FSM3S_11704	On the Source of Singularities in Mechanics	Glenn B. Sinclair
FSM3L_11818	Extended Polar Decompositions for Finite Plane Strain	Michael A. Hayes, Philippe S. Boulanger
FSM3S_11840	Nonlinear Waves in Elastic Solids	Wlodzimierz Domanski
FSM3L_11950	Explicit Secular Equations for Surface and Interface Waves in Anisotropic Solids	Michel Destrade
FSM3S_12392	Views on Material Forces in Multiplicative Elastoplasticity	A. Menzel, P. Steinmann
FSM3S_12406	Affine Symmetry in Mechanics of Discrete and Continuous Systems	Jan J. Slawianowski