

## The Second Frank L. DiMaggio Symposium: Strain Localization in Saturated and Partially Saturated Porous Media under Dynamic Loading

Chair: Prof. Majid T. Manzari  
George Washington University, USA

13:00 – 15:15; June 9, 2009  
Jed D. Satow Room

- 69 F. Luzon, A. Garcia-Jerez , M.A. Santoyo & F.J. Sanchez-Sesma (Spain)  
*A Hybrid Technique to Compute The Pore Pressure Changes due to Time Varying Loads: Application to The Impounding of The Itoiz Reservoir, Northern Spain*
- ? 78 Y. Jia, H.B. Bian, G. Duveau & J. F. Shao (France)  
*Hydromechanical Modelling the Swelling Clay Buffer in Underground Storages*
- 99 Sonia Fortuna & Andrew J. Whittle (Australia)  
*Prediction of The Small Strain Behavior of Natural Pisa Clay By Means of the MIT-SI Constitutive Model*
- 111 Richard A. Regueiro  
*Dynamic Strain Localization in a Simple Saturated Geomaterial at Finite Strain*
- 127 Nicolas Brantut , Alexandre Schubnel, Jerome Corvisier, Fabrice Brunet & Toshihiko Shimamoto (France)  
*Thermo-Chemical Pressurization of Clay Bearing Fault Gouge*
- 150 Jianhong Jiang & Hoe I. Ling (USA)  
*A General Bounding Surface Model for Clays*
- 165 John W. Rudnicki (USA)  
*Localization in Undrained Deformation*
- 180 O. Maurel, T. Ress, M. Matallah, W. Chen, C. La Borderie & G. Pijaudier-Cabot (France)  
*Permeability and Microcracking of Mortar Subjected to Dynamic Loading*