

**Geotechnical Mini-Symposium
Yamaguchi University – Georgia Tech
Tuesday September 21, 2010**

8:00 to 10:00	<p><i>Norimasa Yoshimoto</i> (Assistant Professor, Yamaguchi University) Evaluation of Shear Strength and Mechanical Properties of Granulated Coal Ash</p> <p><i>Motoyuki Suzuki</i> (Associate Professor, Yamaguchi University): Cementation in Soils</p> <p><i>Haiying Huang</i> Pattern formation in fluid injection into granular media</p> <p><i>Fengshou Zhang</i> DEM analysis of fluid injection in granular media</p> <p><i>Douglas Cortes</i> Non-linear stiffness characterization of unbound aggregate bases in inverted pavement structures</p> <p><i>Nortey Yeboah</i> Productive Reuse of Biomass Fly Ash</p>
10:00-10:30	Break
10:30 to 11:30	<p><i>Masayuki Hyodo</i> (Professor, Yamaguchi University) Triaxial and Plane Strain Shear Tests for Methane Hydrate Bearing Sands</p> <p><i>Jongwon Jung</i> Hydrate strength: Implication on Hydrate-bearing sediments</p> <p><i>Nicolas Espinoza</i> Geomechanical implications of CH₄-CO₂ gas replacement in hydrate-bearing sediments</p> <p><i>Jaewon Jang</i> Gas production from hydrate bearing sediment: Pore-network model simulation and macro-scale analyses</p>
11:30 to 12:30	<p><i>Susan Burns</i> Influence of Soil Coatings on the Chemical and Mechanical Behavior of Soils</p> <p><i>Joan Larrahondo</i> Iron Oxide Coatings & Small-Strain Stiffness: An Approach to Chemical Weathering</p> <p><i>Bate</i> Geochemical and Geomechanical Behavior of Organic Coated Soils</p> <p><i>Qian Zhao</i> Molecular Dynamics Simulations of Organic Coated Soils</p>