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Nota di contenuto	Title Page; Preface; Conference Organization; Contents; Bishop Lecture and Plenary Lecture; Advanced Testing and Modelling of Granular Materials with and Without Viscous Glue: Research and Practical Implication - The Third Bishop Lecture; Compaction Characteristics and Physical Properties of Compacted Soil Controlled by the Degree of Saturation; Keynote Lectures; Rockfill Mechanics. Experimental Observations and DEM Modelling; Limitations of a Critical State Framework Applied to the Behaviour of Natural and ""Transitional"" Soils Shear Strength and Stiffness Anisotropy of Geologically Aged Stiff Clays Measurement and Application of Shear Wave Velocity to Various Geotechnical Problems; Hydro-Mechanical Behaviour of Shales; Improved Laboratory Techniques for Advanced Geotechnical Characterization Towards Matching in Situ Properties; Reviewed Papers; Behavior of Compacted Unsaturated Soil in Isotropic Compression,

Cyclic and Monotonic Shear Loading Sequences in Undrained Condition;
Influence of Initial Stress/Strain State on the Coefficient of Earth
Pressure at Rest; Small Strain Modulus of Bio-Cemented Sand
Disk Transducer for Stiffness Measurement on Granular
Materials; Experimental Evaluation of Liquefaction Resistance of
Unsaturated Sandy Soils; Development of Stacked-Ring Shear
Apparatus for Multiple Liquefaction Tests; Effects of Inherent
Anisotropy on Deformation and Strength Characteristics of a
Reconstituted Sand; Element Tests on Lumpy Inhomogeneous Soil and
Their Interpretation; Dynamic Shear Modulus of Kaolin-Silt Clay Using a
Novel Technique; Study of the Mechanical Behavior of Unsaturated
Argillaceous Rocks; Effect of Cement Type on the Mechanical Behavior
of Fiber Reinforced Sands
Relationship Between Undrained Shear Strength and Shear Wave
Velocity for Clays; Development of Large Size Disk Transducer to
Evaluate Elastic Properties of Coarse Granular Materials; Assessment of
Shear Modulus by Different Seismic Wave-Based Techniques; In Situ
and Laboratory Mechanical Characterization Using High-Resolution
Fiber Optic Distributed Sensing; Experimental Investigation of Wave
Propagation in Three Dimensions in Unbounded Particulate Assemblies;
Frequency Domain Method in Bender Element Testing - Experimental
Observations
An Alternative Shear Strength Test for Saturated Fine-Grained Soils:
Preliminary Results; Influence of Grading and Mineralogy on the
Behaviour of Saprolites; Towards the Measurement of Fabric in Granular
Materials With X-Ray Tomography; Observing Breakage in Sand Under
Triaxial and Oedometric Loading in 3D; Early Age Cemented Paste
Backfill Stiffness Development; Influence of Volumetric and Shear
Strains on the Deconstruction of Saprolitic Soils; Description and
Calibration of Triaxial Tests with Internal Measurement of Displacement
on Artificially Cemented Lateritic Soil
Studying Collapse Behaviour of Sandy Silt Under Generalised Stress
Conditions
