

# PROGRAM

## SUNDAY 14<sup>th</sup> JUNE

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- 09:00 - 13:00** SDMT Training Course "Equipment, Procedure, Software, Data Reduction"
- 14:00 - 17:00** Exhibition Set Up
- 17:45 - 19:30** Exhibition official opening & Welcome cocktail and reception
- 19:30 - 22:00** Sightseeing bus tour of Rome
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## MONDAY 15<sup>th</sup> JUNE

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- 09:00 - 10:00** INAUGURATION  
**S. Marchetti**  
**R. Frank (President of ISSMGE)**  
**A. Viana da Fonseca (Chair of TC102)**  
**N. Moraci (President of Italian Geot. Ass.)**  
**R. Failmezger (Chair of DMT 2006)**  
**D. Crapps**  
Brief History of DMT in North America
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- 10:00 - 10:45** COFFEE BREAK
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- 10:45 - 13:00** KEYNOTE LECTURES  
**F. Schnaid**  
Challenges in the Interpretation of the DMT in Tailings  
**S. Marchetti with L'Aquila Group**  
Some 2015 Updates to the TC16 DMT Report 2001
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- 13:00 - 14:30** LUNCH
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- 14:30 - 15:30** SESSION 1  
**W. Tschuschke**  
Application of SCPTU and SDMT in the Assessment of Settlement of Tailings Deposits Loaded by Trial Embankment  
**F. Orhun Önal**  
Using Combination of SPT, DMT and CPT to Estimate Geotechnical Model for a Special Project in Turkey  
**L. Balachowski**  
Vibroflotation Control of Sandy Soils using DMT and CPTU  
**Z. Skutnik**  
Evaluation of Geotechnical Parameters of Clay built in Dam Core based on DMT
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- 15:30 - 16:00** COFFEE BREAK
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- 16:00 - 17:00** SESSION 2

**Z. Mlynarek**

Geotechnical Parameters of Loess Soils from CPTU and SDMT

**W. Steiner**

Long - Term Settlements of an Avalanche Gallery on Loose Soil

**H. Peiffer**

The Use of a DMT to Monitor the Stability of the Slopes of a Clay Exploitation Pit in the Boom Clay in Belgium

**H. L. Giacheti**

Seismic DMT Test in a Non-Text Book Type Geomaterial. Ratio  $G_0 / M_{DMT}$  in Cemented Soils

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GALA DINNER

19:00 - 20:00

Cocktail

20:00 - 20:45

**J. Schmertmann** Gala Dinner Talk

20:45

GALA DINNER

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**TUESDAY 16<sup>th</sup> JUNE**

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09:00 - 10:30

SESSION 3

**T. Godlewski**

Practical Use of the Dilatometer Tests - Some Case Studies from Poland

**R. Failmezger**

Redesign of Shallow Foundations using Dilatometer Tests – More Case Studies after DMT'06 Conference

**C. Lee**

Perception of Overconsolidates States of Coarse-Grained Soils using DMT Results

**C. Cox**

Soil Stiffness Constitutive Model Parameters for Geotechnical Problems: a Dilatometer Testing Approach

**K. Nunn**

Application of Modern Ground Investigation Techniques To Characterise Quaternary Sediments in Kempsey, NSW

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10:30 - 11:00

COFFEE BREAK

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11:00 - 12:00

KEYNOTE LECTURE

**M. Jamiolkowski**

Geotechnical Characterization of Copper Tailings at Zelazny Most Site

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12:00 - 13:00

SESSION 4

**I. Guskov**

Development of the Soil Classification by Material Index ( $I_D$ )

**A. McConnell**

Some Australian Case Histories

**K. Rollins**

Comparison of DMT, CPT, SPT and Vs Based Liquefaction Assessment on Treasure Island during the Loma Prieta Earthquake

**E. Sharif**

Early Applications of SDMT in Dubai in Two Main Projects for Natural Artificial Earthfill Silty Sand

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**13:00 - 14:30** LUNCH

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**14:30 - 15:30** POSTER SESSION

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**15:30 - 16:30** SESSION 5

**C. Rodrigues**

Liquefaction Evaluation of Aveiro Sands from SCPTU and SDMT Tests

**P. Monaco**

SDMT Based Site Characterization and Liquefaction Analysis of Canal Banks Damaged by the 2012 Emilia (Italy) Seismic Sequence

**S. Amoroso**

Use of SDMT Testing for Measuring Soil Densification by Ground Improvement in Christchurch, New Zealand

**V. Silvestri**

Application of the MCC Model for the Estimation of Undrained Geotechnical Parameters of Clays from Dilatometer Tests

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**16:30 - 17:00** COFFEE BREAK

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**17:00 - 18:00** SESSION 6

**D. Berisavljevic**

SDMT – a Tool for In-Situ Identification of Collapsible Soils

**M. Arroyo**

In-Situ Testing of a Cement-Stabilized Metallurgical Residue

**P. K. Robertson**

Soil behavior Type using the DMT

**D. Marchetti**

The Seafloor Dilatometer

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**18:00** CLOSING CERIMONY

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**WEDNESDAY 17<sup>th</sup> JUNE**

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**09:00 - 14:00**

Countryside Field Demonstration and Lunch with Typical Italian Food and Wine (Bus will pick up participants at Grand Hotel Parco dei Principi)

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