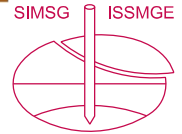




University of Minho
School of Engineering



3rd International Conference on Transportation Geotechnics (3rd ICTG) 4-7 September 2016 Guimarães, PORTUGAL



Workshop 3: Nondestructive Technologies

Venue: University of Minho, School of
Engineering, Guimarães Portugal.
September 4, 2016



Organized by:

Portuguese Geotechnical Society (SPG),
University of Minho and International Society for
Soil Mechanics and Geotechnical Engineering
(ISSMGE).

Introduction

The aging of the infrastructure combined with considerable increase in truck traffic volume require innovative, sound and reliable methods for the structural assessment during construction and use. In recent years substantial advancement in the nondestructive technologies (NDT) has been made to fulfill these needs.

Goals of the workshop

The workshop will provide a comprehensive overview of the current state of the application and the outlook for future possibilities of a number of NDT technologies. The state-of-the-art and the state-of-practice of innovative methods from the US and European perspectives will be discussed.

Organizing committee

Prof. S. Nazarian (USA)
Dr. D. Jansen (Germany)
Prof. S. Fontul (Portugal)

Website

[http://civil.uminho.pt/3rd-
ICTG2016/WorkshopsThemes.php](http://civil.uminho.pt/3rd-ICTG2016/WorkshopsThemes.php)

Preliminary program

The workshop will take place from 9h to 18h including coffee breaks, lunch and panel discussions.

Activities

The workshop will address several NDT technologies for Transport Infrastructure evaluation including: Ground Penetrating Radar, Deflection methods (Falling Weight Deflectometer, Lightweight Deflectometer, Traffic Speed Deflectometer), Seismic methods and Ultrasonic methods

Invited Speakers

Dr. George Chang - Transtec (USA)
Prof. Simona Fontul - LNEC (Portugal)
Dr. Dirk Jansen - BAST (Germany)
Dr. Guido Kneib - MüllerBBM (Switzerland)
Raul Mínguez - Geofísica Consultores (Spain)
Prof. Soheil Nazarian - UTEP (USA)
Prof. Markus Oeser - RWTH Aachen (Germany)
Dr. Gonzalo Rada - Amec Foster Wheeler (USA)
Mr. Francisco Romero - Roadscanners (USA)
Dr. Cesare Sangiorgi - University of Bologna (Italy)
Dr. David White - Ingios (USA)

Local Contact

Prof. Simona Fontul Email: simona@lnec.pt

Publication

Extended abstract and supporting information from each presentation will be compiled and published by the University of Minho, School of Engineering with ISBN.

Registration

The registration fee for the workshop (no access to the 3rd ICTG 2016) is 125€ (75€ for students under certificate) and includes:

- Attendance to the workshop;
- Lunch and tea and coffee refreshments throughout the workshop;
- USB drive with workshop documentation.