

## **Webinars on Intelligent Compaction**

**Date: Tuesday, October 25, 2011**

**Time: 9am to 10:30am and 4pm to 5:30pm Portugal time**

***Each webinar consists of two 40-min sessions with a 10-min break in between***

Presenters:



*Prof. António Gomes Correia*, University of Minho, Portugal

Chair of ISSMGE-TC 202 Transportation Geotechnics



*Dr. George Chang*, Transtec Group, USA

Principal Investigator of the FHWA/TPF Intelligent Compaction project

### Summary

Intelligent compaction (IC) is an evolving technology to contribute to the compaction management using vibratory rollers that are equipped with roller-integrated measurements, global positioning system, onboard report system, and, optionally, auto-feedbacks. This technology has proven and demonstrated immediate benefits to agencies and contractors alike. This webinar will be conducted by sharing experiences from the work of ISSMGE-TC202: Transportation Geotechnics and the US FHWA/TPF Intelligent Compaction project. Its scope encompasses the applications to various geomaterials, including subgrade soils, subbase, and asphalt mixture materials, mainly addressing QC/QA guidelines. Furthermore, a road map of IC technologies will be presented to help construction industry improve productivity, efficiency and safety.