A Short Course on Intelligent Compaction
智能压实讲座
2PM to 5PM, Thursday, June 9th, 2011
Changsha City, Hunan Province, China

Background
Intelligent compaction (IC), also known as Continuous Compaction Control (CCC), is an evolving technology to maximize the compaction effort using vibratory rollers that equipped with roller-integrated measurements, global position system, onboard report system, and, optionally, auto-feedbacks. The IC technologies are proven and demonstrate immediate benefits to agencies and contractors alike. The scope encompasses applications of IC technologies to various pavement materials including subgrade soils, subbase, and asphalt mixture materials. This workshop will guide the attendees to the shortest path for IC implementation by overcoming gaps and barriers through streamlined strategies.

Purposes
- Familiar attendees with fundamentals of intelligent compaction;
- Demonstrate the real world applications of IC
- Demonstrate the route to successful IC implementation.

Presenters
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Dr. George Chang, P.E.
Transtec Group, USA
Principle investigator (PI) of the FHWA/TPF IC project

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Contact Info