

Presentations at 

**Workshop on Instrumentation – Implementation, Acquisition, Analysis for the
FDOT’s Accelerated Pavement Testing Program**

Day 1 (April 7, 2003)

Accelerated Pavement Testing – An Overview PDF, 3,876 KB
Joe P. Mahoney, U. of Washington

The Role of APT in Research, Development and Implementation of Pavement,
Technology PDF, 3,030 KB
Hechter L. Theyse, CSIR

Pavement Material Behavior and Appropriate Instrumentation, PDF, 481 KB
Hechter L. Theyse, CSIR

Surface Distress and the HVS, PDF, 10,876 KB
Fenella Long, CSIR

Day 2 (April 8, 2003)

Subgrade Deformation: the Development of Mechanistic-Empirical Transfer Functions
from HVS Data, PDF, 3,864 KB
Hechter L. Theyse, CSIR

Granular Base/Subbase Layers: Combining Laboratory and HVS Data, PDF, 2,213 KB
Hechter L. Theyse, CSIR

Use of MDD Depth Deflection Data, PDF, 1,394 KB
Fenella Long, CSIR

Additional Measurements Important to APT Testing (Density, Temperature and
Moisture), PDF, 2,103 KB
Fenella Long, CSIR

FDOT’s Accelerated Pavement Testing and Research Program, PDF, 4,685 KB
Bouزيد Choubane, FDOT

Day 3 (April 9)

Evaluation of Rutting Resistance of Superpave Mixtures With and Without SBS
Modification by Means of APT (Florida’s APT Experiment), PDF, 6,689 KB
Mang Tia, University of Florida

The Heavy Vehicle Simulator, PDF, 1,418 KB
Nick Coetzee, Dynatest

Performance (Models), PDF, 6,018 KB
Per Ullidtz, Dynatest

Response (Models), PDF, 1,950 KB
Per Ullidtz, Dynatest

NCAT Pavement Test Track, PDF, 3,709 KB
Buzz Powell, NCAT

Instrumentation and Data Collection at Louisiana Transportation Research Center's
Pavement Research Facility – Parts 1 & 2, PDF, 1,035 & 587 KB, respectively
Bill King, Louisiana Transportation Research Center