

**Programme of the special technical sessions of**  
**the 10<sup>th</sup> International Conference on the Bearing Capacity of Roads,**  
**Railways and Airfields (BCRRA 2017),**  
**30<sup>th</sup> June 2017, Athens, Greece.**

**Session D.7.2: Special technical sessions (2017 DaRTS meeting / 8th EuroFWD UGM) (Part I)**

Chair: *Carl Van Geem*

- Integration of traffic speed deflectometer and ground penetrating radar for network level roadway structure evaluation  
*K.R. Maser, A. Carmichael, P. Schmalzer & B. Shaw*
- Fast Falling Weight Deflectometer (FastFWD) for Accelerated Pavement Testing (APT)  
*M. Manosalvas-Paredes, A. Navarro Comes, M. Francesconi, S. Khosravifar & P. Ullidtz*
- Assessment of pavement structures at traffic speed  
*A. Zofka, J. Sudyka & D. Sybilski*

**Session D.8: Special technical sessions (2017 DaRTS meeting / 8th EuroFWD UGM) (Part II)**

Chair: *Adam Zofka*

- Assessing the potential of in-motion deflection measurements to determine the bearing capacity of the Dutch highway network  
*C. Giezen, Z. Reimertand, S. Mookhoek, A. van Dommelen, P. Paffen, F. Bouman, S. Erkens, M. Villani, T. Bennis, R. Hofman, J. Jørgensen, J. Krarup & L. Grønskov*
- Quality assurance of traffic-speed structural condition surveys  
*Wright, S. Brittain, D. Gershkoff, P. Werro & R. Fairclough*
- Mechanistic analysis of traffic-speed surface deflections for pavement structure condition assessment  
*H. Wang*
- Influences of measurement conditions on structural indicators obtained from FWD data  
*C. Van Geem*
- F/HWD international round robin tests on the STAC's test facility  
*M. Broutin & S. Belon*

**Session D.9: Special technical sessions (2017 DaRTS meeting / 8th EuroFWD UGM) (Part III)**

Chair: *Gülay Malkoç*

- Ensuring reliable robust FWD measurements on the English road network  
*S. Brittain, A. Wright, D. Gershkoff & R. Fairclough*
- Study on the evaluation of track support stiffness of the ballasted track using the FWD  
*H. Tanigawa, T. Nakamura & Y. Momoya*
- Reproducibility of decisions for rehabilitation of existing roads based on deflection measurements with curviameter or FWD  
*C. Van Geem*