

Western Research Institute

2016 Publications

F. Delfosse, I. Drouadaine, S. Faucon-Dumont, S. Largeaud, B. Eckmann, J.-P. Planche, T.F. Turner, "Impact of Bitumen Quality on Asphalt Mixes Performances", ISAP 2016, Snow King Resort and Conference Center, July 18-21, 2016, Jackson, Wyoming

E. Chailleux, E. Bessmann, D. Lo Presti, A. Jimenez del Barco Carrion, L. Porot, T. Pauli, J.-P. Planche, C. Williams, E. Cochran, K. L. Ng-Puga, S. Pouget, F. Olard, P. Hornych. Biorepavation: innovations dans le recyclage des chaussées bitumineuses utilisant des matériaux bio-sourcés. RGRA n° N° 938, juillet-août 2016, p44-46.

J.-P. Planche, J.J Adams, T.A. Pauli, J.F. Rovani, T.F. Turner, "Innovative binder characterization methods" AMAP 2016 Annual Meeting, Seattle, WA, February 11, 2016

R. Glaser, J.-P. Planche, T.F. Turner, R. Boysen, J. F. Schabron, F. Delfosse, I. Drouadaine, S. Faucon-Dumont, S. Largeaud, B. Eckmann, "Relationships between solubility and chromatographically defined bitumen fractions and physical properties" E&E Congress 2016, 6th Eurasphalt & Eurobitume Congress, 1-3 June 2016, Prague, Czech Republic

R. Glaser, F. Turner, G. Onnembo, J.-P. Planche, "Effect of polyphosphoric acid on bituminous binder oxidation", E&E Congress 2016, 6th Eurasphalt & Eurobitume Congress, 1-3 June 2016, Prague, Czech Republic

F. Delfosse, I. Drouadaine, S. Faucon-Dumont, S. Largeaud, B. Eckmann, J.-P. Planche, F. Turner, R. Glaser, "Impact of the bitumen quality on the asphalt mixes performances", E&E Congress 2016, 6th Eurasphalt & Eurobitume Congress, 1-3 June 2016, Prague, Czech Republic

B. Eckmann, S. Largeaud, R. Van Rooijen, L. Planque, M. Farrar, J.-P. Planche, "New bitumen performance indicators - A feasibility study", E&E Congress 2016, 6th Eurasphalt & Eurobitume Congress, 1-3 June 2016, Prague, Czech Republic

A.O. Cookman, M.J. Farrar, J.-P. Planche, "Nonlinear oscillatory shear tests applied to bitumen: analysis and application of large amplitude oscillatory shear (LAOS)", E&E Congress 2016, 6th Eurasphalt & Eurobitume Congress, 1-3 June 2016, Prague, Czech Republic

M. J. Farrar, S.-S. Kim, T. Pauli, and J.-P. Planche "An Advanced Low Temperature Rheological and Fracture Test Method for Bitumen Purchase Specifications and Pavement Performance Prediction: 4-mm DSR/ABCD", RILEM 2016, F. Canestrari and M.N. Partl (eds.), 8th RILEM International Symposium, on Testing and Characterization of Sustainable and Innovative Bituminous, Materials, RILEM Bookseries 11, DOI