

March 27th Wednesday

MORNING

8:45 - REGISTRATION

9:00 -9:40 - **OPENING STATEMENTS - Editors' in Chief**



Dr. Jorge Sousa
(Editor-In-Chief At Large)



Prof. Hervé Di Benedetto
(Editor-In-Chief)



Prof. Andrew Charles Collop
(Editor-In-Chief)



Prof. William G. Buttlar
(Editor-In-Chief)

09:40 - 10:20 - **Special Guests – JUDGES FROM THE FUTURE**
Provided by Colegio Penas Real



Champagne Break

10:40 -12:30 - **Editorial Board Technical Presentations on Recent Research**
Moderator - Prof. Andrew Charles Collop



Prof. Hervé Di Benedetto
(Editor-In-Chief)

Tri-dimensional thermorheological behaviour of bituminous mixtures from dynamic tests back analysis



Dr. Morris de Beer
(Associate Editor)

Towards Smart Road Infrastructure



Prof. Gabriele Tebaldi
(Associate Editor)

Fracture energy density of interstitial component of asphalt mixtures



Dr. Manfred Partl
(Associate Editor)

Structural Behavior of Asphaltic Plug Joints for Bridges

12:30- 14:00 Sponsored Lunch

March 27th Wednesday
AFTERNOON

www.rmpd20.net

14:00 - 15:40 - Editorial Board Technical Presentations on Recent Research
Moderator - Prof. William G. Buttlar



Prof. Andrew Charles Collop
 (Editor-In-Chief)

Long-terms performance modelling of flexible composite pavements.



Prof. Zhongyin Guo
 (Associate Editor)

Skidding Resistance and Driving Safety of Asphalt Pavement Under Ice / Snow Condition



Prof. Silvia Caro
 (Associate Editor)

Characterisation of Asphalt Mixtures in Partial Saturation Conditions



Prof. Jo Sias
 (Associate Editor)

Assessing Impacts of Sea-Level Rise and Development of an Adaptation Framework for Climate Resilient Coastal Roads

Port Wine Break

16:10 - 17:15

Moderator - Prof. Hervé Di Benedetto



Dr. Jorge Sousa
 (Editor-In-Chief At Large)

Sustainable Pavement Construction Policies to Address Simultaneously Global Warming and Billions of End of Life Tires



Prof. Nader Tabatabaee
 (Associate Editor)

Constitutive relations and numerical modeling of asphalt concrete subjected to tension/ compression



Prof. William G. Buttlar
 (Editor-In-Chief)

New Models and Mechanisms of Block Cracking in Asphalt Pavements

17:15 - 17:45 - INSTITUTIONAL SPONSORS CORNER



Dr. Ing. Juan Jose Potti

Actual outlook and next challenges in the paving sector



Valorpneu General Manager Climénia Silva

Roads and the dynamics of end-of-life tire management in the circular economy



March 28th Thursday
MORNING

09:00 - 10:15 - **AWARDED PAPERS PRESENTATIONS**

Moderator - Prof. Jo Sias

2017

- **Modelling Moisture-Mechanical Damage in Asphalt Mixtures Using Random Microstructures and a Continuum Damage Formulation**, D. Castillo, S Caro et al., 18-1, 1-21

2015

- **Modelling of responses and rutting profile of a flexible pavement structure in a heavy vehicle simulator test** Volume 16 Issue 1 (2015), Thorbjorg Saevarsdottir & Sigurdur Erlingsson

2013

- **Fracture testing for the evaluation of asphalt pavement joints**, Volume 14 Issue 4, Ehsan Ghafoori Roozbahany, Manfred N. Partl & Patryk Jakub Witkiewicz
- **Rheological modelling of asphalt materials properties at low temperatures: from time domain to frequency domain** Volume 14 Issue 4, Ki Hoon Moon, Augusto Cannone Falchetto & Mihai O. Marasteanu

 **Madeira wine - Coffee Break**

10:40 - 12:30 - **AWARDED PAPERS PRESENTATIONS**

Moderator - Prof. Silvia Caro

2009

- **Laboratory Test Methods for Foamed Asphalt Mix Resilient Modulus**, Volume 10, 2009 - Issue 1, Pengcheng Fu, David Jones, John T. Harvey & Syed A. Bukhari

2008

- **Effect of Process Parameters on Foam Bitumen-based Road Material Production at Ambient Temperature**, Bogdan Cazacliu, Marian Peticila, Bernard Guieysse, Jacques Colange, Cédric Leroux, Jacques Bonvallet & Richard Blaszczyk, Volume 9, 2008 - Issue 3

2003

- **Gyratory Compaction Analysis with Computer Tomography**, Manfred N. Partl, Alexander Flisch & M. Jönsson, Volume 4, 2003 - Issue 4

2002

- **Use of Black Diagrams to Identify Inconsistencies in Rheological Data**, Gordon D. Airey, Volume 3, 2002 - Issue 4

 **12:30- 14:15 Sponsored Lunch**

March 28th Thursday
AFTERNOON

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14:15 - 15:00 - INVITED PRESENTATIONS

Moderator – Prof. Michael P. Wistuba



Prof. Jorge Pais

25 years Studying Road Materials and Pavement design at the University of Minho



Prof. Luis Picado

Laboratory ageing simulation for bituminous mixture: the TEAGE, Técnico Accelerated Ageing Methodology



Ph.D Ana Freire

Experimental Characterization of the Interlayer Bonding Behaviour of Different Pavements Interfaces

15:00 - 15:45 - SPONSORS CORNER

Moderator – Ph.D Jorge B. Sousa



Prof. Juan Gallego

RAR X: A new scenario for the spreading of rubberized asphalt paving materials.



Prof. Krishna Biligiri

RARX Research in India and Way Forward



15:45 - 16:00 - FINAL STATEMENTS



Prof. Hervé Di Benedetto

(Editor-In-Chief)

REGISTRATION FEES

RMPD CURRENT AND PAST BOARD MEMBERS – Free
 DELEGATES – 350 EUROS*
 STUDENTS – 50 EUROS*

*Plus Tax

