

**2017 LJMU Annual International Conference on: Asphalt,  
Pavement Engineering and Infrastructure  
Preliminary Conference Programme (as on 10/02/2017)**

**DAY 1 – Wednesday 22<sup>nd</sup> February 2017**

**Venue: BRITANNIA ADELPHI HOTEL, LIVERPOOL L3 5UL, UK**

**08:30 Registration, Refreshment and Exhibition**

09:00	Welcome by the Conference Chairman, Professor Howard Robinson, Chief Executive Road Surface Treatments Association, RSTA, <b>UK</b> .
09:10	Opening Address, Professor Ahmed Al-Shamma'a, Executive Dean, Faculty of Engineering & Technology, Liverpool John Moores University, <b>UK</b> .

**Morning Programme**

**Session 1, Chairman: Professor Howard Robinson, Chief Executive, RSTA, UK**

09:15	“Pavement Engineering & Highways: Standards/Specifications and the Unique Approval Process”: Arash Khojinian, Highways England, <b>UK</b>
09:35	“New Istanbul Airport: Pavement Design Optimisation”: Dr Bachar Hakim, AECOM, <b>UK</b>
09:55	“Asphalt Preservation Systems - New Industry Guidance and Case Studies”: Craig Marshall, ASI Solutions Ltd, <b>UK</b>
10:15	“Innovative Patching Techniques - New British Standard and Case Studies”: Sonny Singh, Nu-phalt Contracting Ltd, <b>UK</b>

**10:35 Questions & Discussion**

**10:40 Refreshments and Exhibition**

**Session 2, Chairman: John Richardson, Colas Ltd, UK**

11:25	“Developing the Next Generation of Asphalt Surfacing: Design, Construction and Research Experience”: Dr Chibuzor Ojum, AECOM, <b>UK</b>
11:45	“Skidding Resistance - SCRIM/Texture Data Application in the State Highway Contracts and Case Studies”: Mark Stephenson, WDM Ltd, <b>UK</b>
12:05	“Compliance in Testing Hand Laid Bituminous Materials for Utility Reinstatements”: Karl Stopps, Carillion Telent, <b>UK</b>
12:25	“Nottingham Asphalt Research Consortium (NARC)”: Prof. Gordon Airey, University of Nottingham, <b>UK</b>

## **DAY 1 – Wednesday 22<sup>nd</sup> February 2017**

**12:45 Questions & Discussion**

**12:50 Lunch and Exhibition**

### **Afternoon Programme**

#### **Session 3, Chairman: Atef Badr, Military Technological College, Oman**

13:50	“Required Mechanical Properties of a Clear Binder for Coloured Asphalt Concrete”: Kees Plug, Ooms Civiel Bv, <b>Netherlands</b>
14:10	“Incorporation of Waste Pet in Bituminous Concrete Mixes”: Rajan Choudhary, Indian Institute of Technology, <b>India</b>
14:30	“Nanotechnology-based Waste Materials as a Replacement of Cement in Rigid Pavements”: Mostafa Abo-Hashema, Fayoum University, <b>Egypt</b>
14:50	“A New and Innovative Steel based Anti-Reflective Cracking Interlayer for the Asphalt Overlays”: Frederik Vervaecke, Bekaert Nv, <b>Belgium</b>

**15:10 Questions & Discussion**

**15:15 Refreshments and Exhibition**

#### **Session 4, Chairman: Mostafa Abo-Hashema, Fayoum University, Egypt**

15:45	“Application of Fast Falling Weight Deflectometer (FastFwd) for Accelerated Pavement Testing (APT)”: Marco Francesconi, Dynatest International A/S, <b>Denmark</b>
16:05	“Warm Chemical Additive to Improve Water Resistance of Asphalt Mixtures Containing Steel Slags: A Multi-Scale Approach”: Marco Pasetto, University of Padua, <b>Italy</b>
16:25	“Accelerated Durability Testing using the Immersion Ageing Test”: Chibuzor Ojum, AECOM, <b>UK</b>
16:45	“Introduction and Role of CIHT”: Alistair Haydock and Terri Myers, The Chartered Institution of Highways & Transportation, <b>UK</b>
17:00	<b>Questions and Closing Remarks by the Conference Director Professor Hassan Al Nageim, UK</b>

**2017 LJMU Annual International Conference on: Asphalt,  
Pavement Engineering and Infrastructure  
Preliminary Conference Programme**

**DAY 2 – Thursday 23<sup>rd</sup> February 2017**

**Venue: BRITANNIA ADELPHI HOTEL, LIVERPOOL L3 5UL, UK**

**08:30 Registration, Refreshment and Exhibition**

**Morning Programme**

**Session 1, Chairman: Marsinta Simamora, State Polytechnic of Kupang, Indonesia**

09:00	“Effect of Aggregate Physical Properties on Frictional Resistance of OGFC Mixes”, Rajan Choudhary, Indian Institute of Technology, <b>India</b>
09:20	“Development of In-Situ Asphalt Dynamic Modulus Master Curves using Falling Weight Deflectometer in Hot Climate Areas”: Amir Kavussi, Tarbiat Modares University, <b>Iran</b>
09:40	“Skid Resistance of Asphalt Mixtures prepared using different Aggregate Sources and Gradations”: M. A. Kamal, University of Engineering & Technology, <b>Pakistan</b>
10:00	“The Effect of the Compaction Method on the Mechanical Properties of Bituminous Materials”: Christopher Allpress, Aggregate Industries Ltd, <b>UK</b>

**10:20 Questions & Discussion**

**10:25 Refreshments and Exhibition**

**Session 2, Chairman: Amir Kavussi, Tarbiat Modares University, Iran**

10:55	“Studies on Performance of Bituminous Mixes Containing Hard Grade Bitumen and Implications on Pavement Design”: Khusboo Arora, Central Road Research Institute, <b>India</b>
11:15	“Microwave Technique to Develop Cold Asphalt Concrete Bituminous Emulsion Mixture using New Cementitious Filler” and “Performance Assessment and Microstructure of New Cold Asphalt Concrete Binder Course Mixture using GGBS and CKD”: Anmar Dulaimi, Liverpool John Moores University, <b>UK</b>
11:35	“Evaluation of Field Performance of Pavements Constructed using Cold Mix Technology”: Gajendra Kumar, Central Road Research Institute, <b>India</b>
11:55	“Mechanical Properties of a Microasphalt containing RAP and Glass Fibres”: Manar Herez, Liverpool John Moores University, <b>UK</b>

## **DAY 2 – Thursday 23<sup>rd</sup> February 2017**

**12:15**            **Questions & Discussion**

**12:20**            **Lunch and Exhibition**

### **Afternoon Programme**

#### **Session 3, Chairman: Rajan Choudhary, Indian Institute of Technology, India**

13:30	“Benchmarking of Functional and Structural Analytics for Pavement Condition Classification in Indonesia: A Case Study”: Marsinta Simamora, State Polytechnic of Kupang, <b>Indonesia</b>
13:50	“Retardation of Reflection Cracks in Composite Pavements with Use of Fibres Modified Bituminous Mixes”: Manoj Kumar, Central Road Research Institute, <b>India</b>
14:10	“Automated Paving Technology/BIM for Highways”: Robert Noakes, CES Norfolk County Council, <b>UK</b>
14:30	“Mechanical Properties of using Cement Kiln Dust in Cold Bituminous Emulsion Asphalt”: Sajjad Al-Merzah, University of Kerbala, <b>Iraq</b>

**14:50**            **Questions & Discussion**

**14:55**            **Refreshments and Exhibition**

#### **Session 4, Chairman: Professor Kamal, UET Taxila, Pakistan**

15:25	“The Characterisation of the Strength Development of a Cement-Stabilised Soft Soil Treated With Two Different Types of Fly Ashes”: Hassnen M Jafer, Liverpool John Moores University, <b>UK</b>
15:45	“Freeze-Thaw Resistance of Recycled Aggregate Concrete”: Atef Badr, Military Technological College, <b>Oman</b>
16:05	“The Application of High Recycled Content Mixtures on Strategic Roads”: Smith. D. P, FM Conway Ltd, <b>UK</b>
16:25	“An Experimental Comparison between Surface Cold Mix Asphalt with Egyptian and UK Gradations”: Talaat Abdelwahed, Sohag University, <b>Egypt</b>
16:45	<b>Questions and Closing Remarks by the Conference Director Professor Hassan Al-Nageim, UK.</b>