

**Accepted abstracts**

[**Accepted abstracts for the 2022 Conference**](https://www.ljmu.ac.uk/~/media/files/ljmu/about-us/events/asphalt-conference/asphalt-conference-accepted-abstracts-2019.pdf?la=en)

A list of the accepted abstracts for the 2022 Pavement Engineering, Highways, Airports, Railways & Asphalt and Infrastructure Conference.

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**List of accepted abstracts (as on 10/01/2022)**

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| SL | Paper title | Author/s |
| 1 | **Bituminous Materials Building Resilience for Optimised Asset Management** | **Richard Ashton (TotalEnergies), UK.** |
| 2 | **In Situ and Ex Situ Road Recycling Using BS 9228 2021** | **Andy Jones (Stabilised Pavements Ltd), UK.** |
| 3 | **Raising Standards for High Friction Surfacing** | **Steve McGilchrist (WJ), UK.** |
| 4 | **Low Carbon Road Maintenance Using Asphalt Preservation** | **Phil Eadon (ASI Solutions), UK.** |
| 5 | **Innovation in Higher Education: Case Study - Cold Mix Asphalt for Road Surfacing and Road Maintenance** | **Hassan Al Nageim (LJMU), UK.** |
| 6 | **The Use of Repetitive Strain Oscillation to Induce Bitumen Binder Fatigue** | **Gary Schofield (TotalEnergies), UK.** |
| 7 | **Asphalt Reinforcement - A Proven Economic and Ecological Asphalt Rehabilitation Method** | **Andreas Elsing, HUESKER Synthetic GmbH, Gescher, Germany.** |
| 8 | **Evaluating The Strength and Durability Characteristics of Geopolymer Concrete Incorporating Reclaimed Asphalt Pavement Materials in Road Construction** | **Ayana Ghosh, Indian Institute of Technology Roorkee, India** |
| 9 | **Classification of Underground Cavity Based on Geometric Parameters From Ground Penetrating Radar Data** | **Carlo Elipse1, Sejong University, South Korea** |
| 10 | **Investigation of ASTM C666 Test Results in Roller-Compacted Fiber Concrete Pavements** | **Abouzar Shafiepour, Payame Noor University, Iran** |
| 11 | **Implementation of Surface Free Energy Concept to Select Proper Additive for Asphalt Binder** | **Saad Issa Sarsam, University of Baghdad, Iraq** |
| 12 | **Study on the Usage of Light Weight Deflectometer for Assessing the Properties of Pavement Foundation Materials in Hong Kong** | **Gordon Lai Ming Leung, Hong Kong Road Research Laboratory, Hong Kong, China** |
| 13 | **Ageing Characteristics of Bitumen Modified With Waste Rubber and Pyrolytic Oil** | **Ankush Kumar, Indian Institute of Technology Guwahati (IIT Guwahati), India** |
| 14 | **Influence of Micro and Nano Additives on The Sustainability of Asphalt Concrete** | **Saad Issa Sarsam, University of Baghdad, Iraq** |
| 15 | **A Study on Use of Waste Plastics in SMA Mixes: Effect of Plastic Type, Size, and Dosage** | **Rajan Choudhary, Indian Institute of Technology Guwahati (IIT Guwahati), India** |
| 16 | Incorporation of Reclaimed Asphalt Pavement Materials in Cement Treated Base Layer | **Rishi Singh Chhabra, Indian Institute of Technology Roorkee, India** |
| 17 | **Imperative Role of Waste Jarosite on Rutting and Fatigue Properties of Asphalt Mastic and Mixes** | **Sk Sohel Islama, Indian Institute of Technology Roorkee, India** |
| 18 | **Thermal Fatigue Analysis of Pavement Design using Hydrated Lime Modified Asphalt Concrete** | **Yu Wang, School of Science, Engineering & Environment, University of Salford, UK** |
| 19 | **Large Scale Static Testing of Asphalt Underlays in Railway Track Foundation** | **Zelong Yu, 2. Liverpool John Moores University, UK** |
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| 20 | **Assessing The Durability of Conventional Concrete and Roller Compacted Concrete Pavement** | **Saad Issa Sarsam, University of Baghdad, Iraq** |
| 21 | **Make Zero Carbon A Reality - A Sustainable Approach To Asset Management** | **Shine Salur, Colas ltd, UK** |