

CALL FOR PAPERS & REGISTRATION

19th Annual International Conference on

Highways and Airport Pavement Engineering, Asphalt Technology, and Infrastructure

Wednesday 11th and Thursday 12th March 2020, Liverpool, UK

Supported by:

ASI Solutions ♦ Colas Ltd ♦ Total Bitumen ♦ WDM Ltd ♦ Velocity UK ♦ Highways England ♦ The Chartered Institution of Highways and Transportation (CIHT) ♦ The Institution of Asphalt Technology (IAT) ♦ The Institution of Civil Engineers (ICE)

LJMU 2020 INTERNATIONAL CONFERENCE AIMS AND TOPICS

The Department of Civil Engineering at Liverpool John Moores University in association with ASI Solutions and Colas Ltd is hosting its 19th Annual International Conference addressing: Highways and Airport Pavement Engineering, Asphalt Technology, and Infrastructure. The conference is a continuation of the successful annual event hosted by LJMU since 2001 that has attracted large numbers of speakers from the industry and academia, delegates and exhibitors from the UK, Europe, Middle East, USA, South America, Australia and the Far East. It is aimed at stakeholders with specific interest in the; development, construction and management of asphalt technology, sustainable infrastructure, environmental protection, materials technology, pavement and infrastructure structural design and evaluations, IT in pavements, asphalt and infrastructure, energy reduction, aggregate recycling initiatives, airport and highways design and maintenance. The conference will be of interest to; policy advisors, environmental regulators, infrastructure clients, specifiers, planners, designers, research centres, academia, local authorities, Airports pavement and highway related consultants and designers, materials suppliers, construction companies, contractors and educational institutions.



PAPERS are invited on the conference topics below.

Contributions are especially welcomed from clients, specifiers, regulators, local authorities, consultants, contractors, Laboratory and site testing equipment suppliers, materials suppliers, research and educational organisations/institutions. The conference will provide a unique setting within which to share and explore new ideas and to review innovations in the practical application of sustainable construction materials and techniques in roads and highways pavement engineering, airport pavement and maintenance/management of airport, roads and highways pavements. It will consider materials technology, manufacturing techniques and product characteristics that satisfy ever more demanding design, structural and environmental requirements.

CONFERENCE TOPICS INCLUDE:

Highway and road pavements: design and maintenance	Innovations and practice in design, rehabilitations and maintenance including road surface treatments, emulsions, binder technology and pothole repairs
Testing techniques	Including destructive and non-destructive tests
Manufacturing processes	Latest developments in cement, bitumen binders, additives, asphalt, emulsions and concrete pavement production
Construction and mixing Technology	Latest developments on: construction sites and plant productions
IT developments	Addressing pavement design, evaluation, construction, management, pavement related environmental issues, maintenance and pavement performance
Waste materials	Innovations in waste reduction, re-use, planning, management and environmental issues
Materials technology	Primary/secondary aggregates, binders, bitumen emulsion, cold/hot mix asphalt, recycling, hydraulically bound materials, cement, concrete and SMART materials
Road base materials	Innovations in design, materials, testing, developments and constructions
Highways and road bridges	Innovations in design, maintenance and constructions
Airfield Pavement: Design, Materials and maintenance	Asphalt pavement, Concrete pavement and composite pavement: Innovations and practice in design, rehabilitations and maintenance including airport runway surface



Submission of Papers:

- ✓ **Submission of abstract:** 6 December 2020
- ✓ **Submission of full paper:** 17 January 2020
- ✓ **Editorial response from reviewers:** 24 January 2019
- ✓ **Final acceptance for full paper** 31st January 2020

Please submit a short abstract (200–250 words) to Haydar Al Hawesah email H.M.AlHawesah@2019.ljmu.ac.uk and Prof Hassan Al Nageim: h.k.alnageim@ljmu.ac.uk

The length of the paper is limited to 18 pages. The conference is usually well attended with typically more than 100 delegates and 10-17 Exhibitors from UK and overseas. Due to limited spaces, please complete your registration as soon as possible.

For Online Registration: link will be open soon. Please contact the Organising Committee if you are unable to pay online

Fees: Speaker/delegate/exhibitor fee information;
Speaker (two day) £275, Speaker (one day) £180
Delegate (two day) £290, Delegate (one day) £200
Exhibitor (two day) £300

*additional delegate/speaker from same organisation (two day) £200
*additional delegate/speaker from same organisation (one day) £150
*additional member with the main exhibitor £100.

Discounted rate: Early bird registration fees before 12 December 2019 are offered at a 15% discounted rate. ASI Solutions, RSTA, CIHT, IAT, IHE, ICE members will benefit from a reduced registration fee of 15%.

Keynote speakers:

Gary Schofield (Total Bitumen)- UK - International Developments in Bitumen Technologies

Dominic Gardner (Velocity) – UK. The New British Standard for Spray Injection Patching

Phi Eadon (ASI Solutions) – UK. Asphalt Preservation – Evidence of Performance and Case Studies

Andy Stevenson (WDM) – UK. Using SCANNER to identify sites for treatment

Rick Ashton (Total Bitumen) – UK. Warm Mix Asphalt – Updates and Case Studies

Professor Howard Robinson (ASI Solutions) – UK. Keeping Green Roads in Green Condition

John Richardson (Colas Ltd) - UK. Microasphalt technology and applications [waiting for title to be confirmed]

Professor Hassan Al Nageim (LJMU)- New high value & environmentally friendly road pavement materials

Publications:

The papers will be reviewed by the Conference Scientific and Technical Board and published in the Conference Proceedings. Selected top 12 papers will also be published in the International Journal of Pavement Engineering & Asphalt Technology, ISSN 1464-8164.

The event will also provide a useful networking arena enabling delegates to make new national and international contacts, to be brought up to speed with latest industry developments and bridge the gap between the various parties.

For more information on the conference and fees, please visit our website: <https://www.ljmu.ac.uk/asphalt-pavement-conference> (Will be updated soon), or contact the Conference Director Professor Hassan Al Nageim, Email: h.k.alnageim@ljmu.ac.uk Tel: +44 (0) 151 231 2811

LIVERPOOL, Underwent a renaissance in 2008 when it was crowned the European capital of culture. New boutique hotels sprang up and stylish bars opened and a fabulous £1 billion shopping centre Liverpool ONE was built. Delegates coming to Liverpool find a city that is cosmopolitan and exciting. Since 2004 it has been an UNESCO World Heritage site, an accolade awarded for its historic Waterfront area around the Albert Dock and the City's magnificent Cultural Quarter and it is officially the "World Capital of Pop". Merseyside's musical traditions are as famous as its maritime ones from the dank cellar of the Cavern, bands established themselves only to spread around the world, bands such as Gerry and the Pacemakers and The Searchers to name two, but one in particular stands out, The Beatles played their debut in 1961 and appeared another 272 times at The Cavern.

From the Liver Building to St John's Beacon, Liverpool's landmarks add drama and distinction to the city. The "Three Graces" - the Liver Building, Cunard Building and Port of Liverpool Building form one of the most instantly recognisable and breath-taking examples of waterfront architecture in the world.

The City has a mighty sporting heritage with two extremely competitive Premier League football clubs. Our World Class cultural offerings include Tate Liverpool and the Royal Liverpool Philharmonic Orchestra and a new addition is the state of the art Museum of Liverpool which opened in spring 2011 and has focused on Liverpool's worldwide influence on world history and culture.

