



Asphalt - What's around the corner?

Thursday 20 March 2014

East Midlands Conference Centre and Orchard Hotel,
Nottingham, UK

narc Nottingham Asphalt
Research Consortium

Organised by SCI's Construction Materials Group and
Nottingham Asphalt Research Consortium


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where science meets business

- 09:30** Registration and refreshments
- 10:00** **Chairman's welcome and introduction**
Adrian Blacker, Asphalt Associates Ltd
- 10:10** **Future development priorities for the asphalt industry**
Nizar Ghazireh, Lafarge Tarmac
- 10:35** **Forever open roads: EU research programme**
Bob Collis, TRL
- 11:00** **The use of RF ID tags in asphalt**
Donna James, Highways Agency
- 11:25** Refreshments
- 11:55** **Use of smartphone apps and truck sensor data for network assessment**
Tony Parry, University of Nottingham
- 12:20** **Binder spectroscopy at traffic speed**
Donald Burton, Highways Agency
- 12:45** **Discussion**
- 13:15** Lunch
- 14:30** **Vehicle-pavement interaction software**
David Cebon, University of Cambridge
- 14:55** **Impact of climate change on deterioration and maintenance management of flexible pavements**
Andrew Dawson, University of Nottingham
- 15:20** **Moisture-induced damage in asphalt**
James Grenfell, University of Nottingham
- 15:45** Discussion
- 16:15** Close

Organisers

Adrian Blacker, Asphalt Associates
Mike Gibb, Hyperion Infrastructure Consultancy
James Grenfell, University of Nottingham

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Nottingham Asphalt Research Consortium (NARC) is a research-led collaboration between the Universities of Nottingham and Cambridge and organisations in asphalt related industries. NARC provides a forum for members to discuss developments in pavement materials and infrastructure and also organises regular seminars and workshops for the wider highway industry to disseminate the latest research and innovations.

This one day event will focus on forthcoming developments and issues for the use of asphalt to meet ever increasing demands for performance, value and sustainability.

Planning and preparation are key to successful delivery and performance so it's important to keep abreast of what's on the horizon. The SCI's Construction Materials Group and NARC have, therefore, combined to organise this event to provide an insight into near market developments, current research programmes and issues likely to affect policy and practice in the operation of asphalt roads in the near future. The day will include presentations from representatives of highway authority clients, material suppliers and academics actively engaged in research and its application to give a wide perspective on both the opportunities and the challenges around the corner for the design, production, placing and maintenance of asphalt on the highway network.

The theme of the event has been selected to draw together those in commercial practice and those actively engaged in scientific development within the asphalt industry to promote discussion and sharing of knowledge, thoughts and ideas.

Attendees

The event will be of interest to those who specialise in asphalt technology through research, development and commercial practice, such as highway and port authorities, engineering consultants, university engineering departments, asphalt suppliers and contractors.

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