

**A one day conference
addressing topical issues
surrounding pavement assessment**

DIPA 09

DEVELOPMENTS IN PAVEMENT ASSESSMENT

**July 14th 2009
Midlands Engineering Centre,
Austin Court, Birmingham**

DEVELOPMENTS IN PAVEMENT ASSESSMENT

Your essential update

The ninth Developments in Pavement Assessment conference sees a return to its original focus – getting the data and using the data.

The event remains unique on the highways calendar as the place to learn about policy, best practice and developments in technical surveys and pavement management. This year's topics range from texture surveys, assessment of innovative new asphalts, the traffic speed deflectometer, utility detection and novel approaches to selecting schemes.

You should attend if you are involved in pavement assessment, maintenance or management. Speakers include respected figures from local government, consultancies and data collection specialists who will address the numerous challenges facing highways managers.

An event organised by Fugro Aperio Limited
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Chairman's introduction**An update on Department for Transport policy**

Edward Bunting, Senior Policy Advisor, Department for Transport An update on policy relating to pavement assessment and asset management.

Supporting Pavement Condition Information in the UK

Barry Cleave, Head of Asset Management, TRL Ltd Update on the PCIS Contract which provides support to, and promotion of, Pavement Condition Information Systems. The project not only includes UKPMS and SCANNER support and accreditation but also links to the groups under the roads board and other groups which influence future Highway Asset Management. Areas covered will include: progress so far; the Roads Board Advisory Group; the new footway course network survey; the links to work being carried out by HAMFIG on asset financial information; autumn 2009 PCIS seminars and the review of the UKPMS core specification.

Questions**Refreshments and exhibition****Scheme identification from network level data**

Steve Finnie, Manager, Highways Engineering Team, Atkins Highways Asset Management Group A robust means of identifying future maintenance schemes is critical both to road network operators and their various stakeholders, to ensure that funds are targeted where maintenance need is greatest, and to ensure that their various strategic objectives are met. Atkins have developed a computerised toolkit called Schema which takes survey data extracted from a PMS, applies data manipulation and analysis, and identifies a series of 'areas of interest' (or hotspots) for further investigation, and eventual scheme development.

Texture measurements on trial sites on the M8 motorway to evaluate different SMA treatments

Dougie Millar, Materials and QA Advisor, Transport Scotland Why have SMA treatments in Germany out-performed UK applications? The presentation discusses evaluation of experimental treatments of test panels on the M8 motorway using SCRIM and considers possible changes to texture specifications.

A case for Traffic Speed Deflectometer as a network tool

Roger Fairclough, Highways Agency Pavement Engineering Team Where has the TSD come from? What are the results of work so far and what are the plans for deployment across the network? Roger will provide an update on the development programme and possible applications including potential for use as a scheme investigation tool.

Questions**Lunch and exhibition**

Chairman's introduction**Road condition scanning – challenges and innovation – from the perspective of a systems builder and service provider**

Richard Fox-Ivey, President, Fugro Roadware USA Inc Automated surveys of road condition are not perfect. Challenges are numerous and varied, and many factors influence data acquisition, processing and interpretation. Fugro Roadware can reflect on the experience gained providing more than 100 ARAN vehicles worldwide and surveying more than a million miles of highways in North America. Recent and upcoming innovation and development will be discussed.

Ground penetrating radar – a 20 year journey along the road

William Throssel, Technical Manager, Fugro Aperio GPR has travelled a long way since a rack of smoky printers were placed in a rusty estate car dragging antennas along the road. Now multi-channel digital radars are deployed in shiny ARAN vehicles and used worldwide on networks and schemes for structural and condition surveys. Despite all this progress however the humble core lives on. The presentation looks at some of the highlights of the journey, examines the current state of the art and looks at likely developments.

Questions**Coffee & exhibition****Mapping the Underworld: buried asset location, identification and condition assessment using a multi-sensor approach**

Dr Nicole Metje, Co-Investigator, Mapping the Underworld Mapping the Underworld is a multi-disciplinary, multi-university research project funded by the EPSRC. It aims to develop the means to locate, map in 3D and record, using a single shared platform, the position of 100% of buried utility service pipes and cables without excavation.

Talk TBA

Speaker TBA

Questions**Close**

Please complete this form and send to:

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or download another copy or book your place online at
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I require a vegetarian meal YES NO

PAYMENT

The cost of the event is **£180 plus VAT**.

Payment to be made by cheque payable to Fugro Aperio Limited
or BACS (details on request). Credit cards cannot be accepted.
Receipt of purchase order or payment will secure your place.

Price includes your place, lunch, refreshments and delegate pack.

ENQUIRIES

Visit www.fugro-aperio.com

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CANCELLATIONS & REFUNDS

All cancellations MUST be confirmed in writing by no later than July 3rd 2009 for a refund less £30 cancellation fee. No refunds will be made for cancellations after this date. A substitute delegate may be sent, in which case no cancellation charges will apply. It may be necessary for reasons beyond the control of Fugro Aperio Limited to alter the content and timing of the programme or the location of the event.

VENUE



Midlands Engineering Centre
Austin Court
80 Cambridge Street
Birmingham B1 2NP
Tel 0121 600 7500

The venue is a 15 minute walk from Birmingham New Street Station.

Parking is available in the adjacent NCP.

Registration: 09:00
Conference start: 09:50
Conference close: 16:40

Fugro Aperio are international specialists in geophysical and non destructive investigation, applying advanced test and inspection methods to pavements, buildings and structures.

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