

The 1st European Symposium on Bituminous Materials Rheology and Pavement Performance

Wednesday, November 15th, 2000
- to be published in -

THE INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING & ASPHALT TECHNOLOGY

INTRODUCTION

This one-day symposium will have representation from Highways Agency, binder producers, asphalt mixture producers, contractors, equipment manufactures, consultants and other organizations interested in rheology of bituminous materials and pavement performance. This event will provide a forum for discussing aspects of currently proposed testing in the UK - from the agency to the contractor viewpoint - with exciting new technical innovations presented by many of the speakers. Materials covered will include bituminous binders, mixtures, thin surfacing, etc. **Contractors and Asphalt Producers will benefit from the Symposium if they are** - Developing high-performance proprietary road materials, using polymer-modified binders or needing an update of the latest asphalt technology and specifications.

Road Owners, Operators and Consultants will benefit if they are - Characterizing proprietary materials, measuring performance-related properties, concerned about working-life after the guarantee period or questioning whether the SHRP approach to specification is applicable to Europe.

The event will also include an exhibition area for vendors who will be demonstrating various products for industry use. Ample time will be provided for discussion in the sessions and informal meetings with peers in the industry.

SPEAKERS

Mr. Derek Bell (TA Instruments)
Mr. Jim Carswell, BSc(Hons), MIAT (BP)
Mr. Keith Cooper, MPhil, MIAT (Cooper Research Technology)
Mr. Bernard Eckmann, civ.eng ENPC (Jean Lefebvre)
Mr. Martin Heslop, BA(Hons), MIAT, MIHT, MInstPet, MInstD (Acland)
Dr. John Read, BEng(Hons), PhD, MIAT, MIHT, MAAPT (Shell)
Dr. Geoffrey Rowe, BSc, PhD, CEng, PE, MIM, MIHT, MIAT (Abatech)
Mr. Andre Stawiarski, civ.eng. CESI (Eurobitume)
Mr. Andrew Walton, BSc(Hons) (Bohlin Instruments)

SESSION CHAIRS

Mr. William Heather, BA, FIHT, FIAT (Associated Asphalt)
Dr. Hassan Al Nageim, BSc(Hons), MSc, CEng, MIHT, MInstNDT (Liverpool John Moores University)
Dr. Tony Harrison (Refined Bitumen Association)
Mr. Derek Pearson, CEng (University of Leeds/Abatech)
Mr. John Williams, BSc(Eng) CEng, MICE, MStructE (Highways Agency)

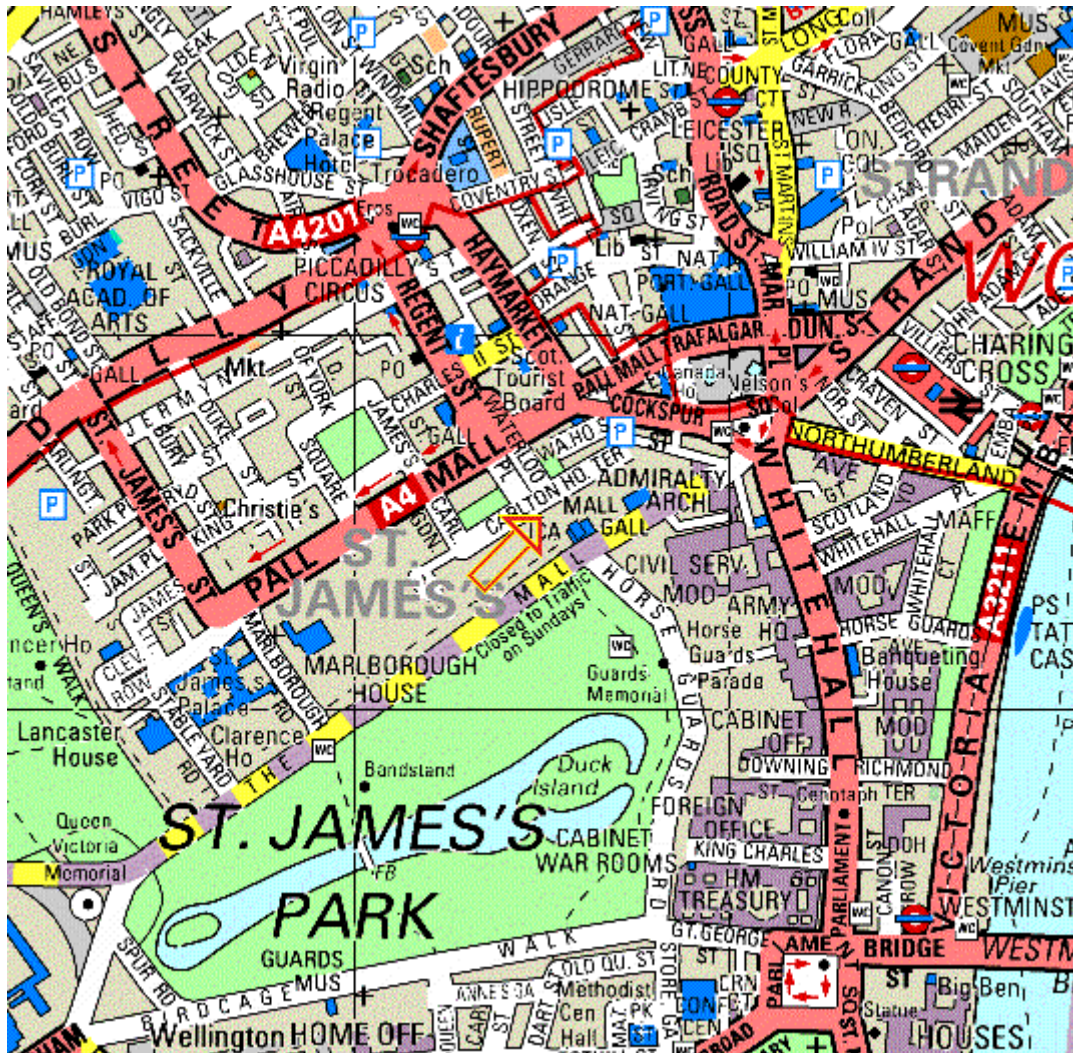
PROGRAMME

9.00am - 9.20am	Registration (Coffee and Tea)
9.20am - 9.30am	Introduction and welcome, Geoffrey M. Rowe
Session 1	Focus on testing procedures and test techniques, Chairman - Derek Pearson
9.30am - 9.50am	John Read, Overview - The Impact of Rheology on Pavement Performance
9.50am - 10.10am	Andrew Walton, Developments in Dynamic Shear Rheometers
10.10am - 10.30am	Derek Bell, A Novel Low Cost Dynamic Shear Rheometer for Bitumen
10.30am - 10.50am	Keith Cooper, The Use of Servo-Pneumatic Equipment to Determine Time-Dependent Properties of Asphalt Materials
10.50am - 11.00am	Questions, Review and Discussion - Session 1
11.00am - 11.15am	Break (Coffee and Tea)
Session 2	Binder Rheology, Chairman - Tony Harrison
11.15am - 11.35am	Geoffrey Rowe, Developments of the Performance Binder Specifications in United States after SHRP
11.35am - 11.55pm	Andre Stawiarski, Development of Performance Related Standards for Bituminous Binders - overview of CEN process and Eurobitume Project
11.55am - 12.15pm	Jim Carswell, Rheology of Binders - A Producers Perspective
12.15am - 12.30pm	Questions, Review and Discussion - Session 2
1.00pm - 2.00pm	Lunch in the Library and Exhibition Time
Session 3	Bituminous Materials Rheology - UK Developments and Industry Perspective
	<i>Chairman - Hassan Al Nageim</i>
2.00pm - 2.20pm	Martin Heslop, SHW Clause 928 and Type Approval
2.20pm - 2.40pm	Bernard Eckmann - Developments in Binder and Mixture Testing
2.40pm - 2.50pm	Questions, Review and Discussion - Session 3
2.50pm - 3.00pm	Break (Coffee and Tea)
Workshop	The Way Forward - Workshop Session
	Joint Chairmen - John Williams and Bill Heather
3.15pm - 4.30pm	Panel - Bernard Eckmann, John Read, Geoffrey Rowe, Andre Stawiarski
<p><i>The discussion will involve speakers and the audience to the fullest extent allowing plenty of time for discussion. Seminar participants who wish to present a prepared discussion (TECHNICAL NOTE) are asked to contact the organizers ahead of the meeting in order that time can be allocated in the session.</i></p>	
4.30pm	Depart

VENUE

Institute of Materials (Council Room)
1 Carlton House Terrace, London, SW1Y 5D
(Overlooks The Mall and Buckingham Palace)

Location Map



REGISTRATION

Please reserve@ **£100 +VAT for each delegate [total including VAT £117.50/delegate]**

Total amount enclosed £ _____ - or - if paying by credit card please complete below:

Credit Card (please circle): VISA, MasterCard

Credit Card Number:_____

Expiration Date:_____

The cost includes for a Hot/Cold buffet lunch and morning afternoon coffee, tea and biscuits.

PLEASE NOTE THAT THIS SYMPOSIUM IS LIMITED TO 90 PEOPLE. A FAST RESPONSE WILL ENSURE

YOUR PARTICIPATION AT THIS FIRST SYMPOSIUM.

Name(s) of Delegate(s):_____

Company Name:_____

Address:_____

Telephone:_____

Fax:_____

E-Mail:_____

To make reservations, please fax this form to (0115) 840-0205 (Abatech International, Ltd.) or return it with cheque payable to: Abatech International, Ltd., 14 Faraday Building, Nottingham Science and Technology Park, University Blvd., Notts., NG7 2QP.

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