Preliminary Programme

TUESDAY 31 May 2016

16:00 - 19:00  Registration in the Prague Congress Centre
WEDNESDAY 1st June 2016

08:00 - 18:00  Registration
08:30 - 18:00  Exhibition and Posters

Congress Hall

09:30 - 11:00  Opening Session

Welcome by Katrina Sichel, session facilitator
Opening address by European Asphalt Pavement Association (EAPA) President
Keynote address by Ismail Ertug, Member of European Parliament, Coordinator of the
Social Democrats for the Committee on Transport and Tourism (TRAN) in the
European Parliament
Welcome by Dan Ťok, Minister of Transport of the Czech Republic

11:00 - 11:30  Coffee Break in the exhibition area

11:30 - 13:00  Session 1 – Road owners and road users

In this session the road users and the road owners will address why road infrastructure
is important for them, what their needs will be in the upcoming years, what the future
challenges are and what they expect from the industry.
The speakers will be:

Philip Gomm, RAC Foundation, UK
Thierry Goger, Secretary General of Forum of European National Highway Research
Laboratories (FEHRL)
Jean-Francois Corté, Leaving Secretary General of the World Road Association –
PIARC: Challenges for the sustainability of our road transport systems
Donna James, Highways England: Performance and demands for specification of road
infrastructure

13:00 - 14:30  Lunch Break in the exhibition area

14:30 - 15:45  Session 2 – External factors

Fuensanta Martinez Sans, Director Transport Policy of the European Automobile
Manufacturers’ Association (ACEA): Joining forces to tackle the road transport CO2
challenge
Vincent Basuyau, European Commission – Directorate General for Internal Market,
Industry, Entrepreneurship and SMEs (DG GROW): Circular Economy Package -
Construction focus
Isabelle Muller, Union Française des Industries Pétrolières (Ufip), Oil industry and
bitumen in the EU

15:45 - 16:15  Coffee Break in the exhibition area

16:15 - 17:30  Session 3 – What the industry can provide

Bjarne Schmidt, Danish Road Directorate (DRI): CO2 reduction with Low Rolling
resistance Stone Mastic Asphalt
Rien Huurman, BAM, the Netherlands: Recycling of Asphalt
Arian de Bondt, Ooms Civiel, the Netherlands: Development of a durable 3rd
generation Porous Asphalt with a high noise reduction
Etienne Lebouteiller, International Bitumen Emulsion Federation (IBEF): Maintenance
& Application techniques

19:00 - 23:00  Reception and Congress Dinner in Žofín Palace in Prague
THURSDAY 2nd June 2016

08:00 - 19:00  
Registration

08:30 - 19:00  
Exhibition and Posters

09:00 - 10:30  
**Congress Hall**

Session 4A  
Recycling

See page 4

North Hall

Session 4B  
Become an ‘Asphalt Advocate’
– Communications workshop

Session hosted by Katrina Sichel

10:30 - 11:00  
Coffee Break in the exhibition area

11:00 - 12:30  
**Poster Session – Meet the authors**

12:30 - 14:00  
Lunch Break in the exhibition area

14:00 - 15:30  
**Congress Hall**

Session 5A  
Mixture Performance and Testing

See page 4

North Hall

Session 5B  
Health, Safety & Environment

See page 5

15:30 - 16:00  
Coffee Break in the exhibition area

16:00 - 17:30  
**Congress Hall**

Session 6A  
Binder Performance & Testing part 1

See page 5

North Hall

Session 6B  
Smart management of road infrastructure – seminar

Moderator: Katrina Sichel

Christophe Nicodème, European Road Federation (ERF): Road infrastructure and Road Asset Management

Yann Lefeuvre, Colas

Stefan Gerwens, Pro-Mobilität - Initiative für Verkehrsinfrastruktur e.V.

Fatih Zeybek, NÖMAYG: Gebze-Izmir Motorway Project

17:30 - 19:00  
**Poster Session Reception – sponsored by Rubitron**
FRIDAY 3rd June 2016

08:00 - 14:30  Registration
08:30 - 14:30  Exhibition and Posters

09:00 - 10:30  Congress Hall  North Hall
   Session 7A  Session 7B
   Warm asphalt mixtures  Performance and testing - Part 2
   See page 6  See page 6

10:30 - 11:00  Coffee Break in the exhibition area

11:00 - 12:30  Congress Hall  North Hall
   Session 8A  Session 8B
   Maintenance & Rehabilitation  Sustainable development
   See page 7  See page 7

12:30 - 13:15  Congress Hall
   Closing Session
   Introduction by Katrina Sichel, session facilitator
   Congress summary by Egbert Beuving, European Asphalt Pavement Association - EAPA
   Closing words by Siobhan McKelvey, Eurobitume President
   Announcement of future Eurasphalt & Eurobitume activities

13:15 - 14:30  Lunch break in the exhibition area
Session 4A  Recycling

Jan Valentin, CTU, Czech Republic– Session chairman

Lars Forstén, Lemminkäinen Infra Oy, Paving, Finland
Keynote address

Michael Wistuba, Technical University Braunschweig, Braunschweig, Germany
Microstructural analysis of asphalt mixtures containing recycled asphalt materials using digital image processing

Wim van den Bergh, University of Antwerp, Antwerp, Belgium
Recycling reclaimed asphalt in Flanders: state of the art 2014

Jan Król, Faculty of Civil Engineering, Warsaw University of Technology, Warsaw, Poland
New concept of sustainable road structure with RAP binder course using bio-agent

Zeliha Temren, Turkish Asphalt Contractors Association (ASMÜD), Ankara, Turkey
Investigation of performance properties of laboratory and plant produced bituminous mixture containing high rates of reclaimed asphalt

Martins Zaumanis, Latvian State Roads, Riga, Latvia
Towards production of 100% recycled asphalt

Session 5A Mixture Performance and Testing

Carsten Karcher, EAPA – Session chairman

Knut Johannsen, Eurovia, Germany,
Keynote Address

Fernando Moreno-Navarro, University of Granada, Granada, Spain
UGR-FACT test in the study of fatigue and cracking phenomena in asphalt pavements

Zoltan Soos, Budapest University of Technology and Economics, Budapest, Hungary
Performance assessment of hot mix asphalt with chemically stabilized rubber bitumen

Christiane Weise, Institute of Urban and Pavement Engineering, TU Dresden, Dresden, Germany
Effects of fibre reinforcement on the fatigue and rutting performance of asphalt mixes

Diego Ramirez Cardona, SNCF / ENTPE, France
Influence of moisture on thermomechanical behaviour of bituminous mixtures used for railway track beds

Arash Khojinian, The University of Nottingham, Nottingham, United Kingdom
Strategy Management and Maintenance for Thin Surface Course Systems
Session 5B  Health, Safety & Environment

Karin Hennung, Nynas – Session chairman

Marinus Huurman, Bam Infra Asfalt, Utrecht, Netherlands
Low Emission2 Asphalt Pavement, LE2AP

Martin Radenberg, Lehrstuhl für Verkehrswegebau, Ruhr-Universität Bochum, Bochum, Germany
Noise reducing effect of new dense asphalt layers

Brian Mulry, PMS Pavement Management Services Ltd., Galway, Ireland
The analysis and further development of a model for adjusting SCRIM skid resistance data for temperature and rainfall

Arian de Bondt, Ooms Civiel, Scharwoude, Netherlands
The development and use of the Skid Resistance and Smart Ravelling Interface Testing Device

Reinhold Rühl, German Bitumen Forum, Frankfurt, Germany
Transfer of the IARC monograph on bitumen in European ways of working

Laurent Porot, Roads and Construction, Arizona Chemical BV, Almere, Netherlands
Laboratory evaluation of emissions from asphalt binder and mixes using a bio-rejuvenating agent

James J Freeman, ExxonMobil Biomedical Sciences, Inc., Annandale, New Jersey, United States
Health quality assurance approaches for bitumen manufacture and supply

Session 6A  Binder Performance & Testing part 1

Frédérique Cointe, ExxonMobil – Session chairman

Gilles Gauthier, TOTAL/RM/SPE/Bitumen, France
Keynote address

Robert Urquhart, ARRB Group Ltd, Vermont South VIC, Australia
Effects of hot storage on polymer modified binder properties and field performance

Diederik Quirinus van Lent, TNO, Delft, Netherlands
Comparing field aging to artificial laboratorial aging of bituminous binders for porous asphalt concrete using black space graph analysis

Yvong Hung, Research Center, Total Marketing and Services, Solaize, France
Low temperature and aging properties of polymer-modified binders

Frédéric Delfosse, Eurovia, Mérignac, France
Impact of the bitumen quality on the asphalt mixes performances

Pavel Kriz, Research Department, Imperial Oil Limited, Sarnia, ON, Canada
Assessment of performance specification tests for rheologically simple bitumens
Session 7A  Warm asphalt mixtures

Egbert Beuving, EAPA – Session chairman

Eivind Olav Andersen, Veidekke Industri AS, Trondheim, Norway
Keynote address

Laurent Porot, Roads and Construction, Arizona Chemical BV, Almere, Netherlands
Laboratory evaluation of half warm recycling with bio-based additive

Peyman Aghazadeh Dokandari, Dokuz Eylul University, Engineering Faculty, IZMIR, Turkey
Permanent deformation characteristics of warm mix asphalt

Matthew Wayman, TRL Limited, Wokingham, United Kingdom
Successful demonstration of lower temperature asphalt on the UK strategic road network

Christian Angst, IMP Baustest AG, Oberbuchsiten, Switzerland
Mechanical properties and quality-control of warm asphalt

Ana María Rodríguez-Alloza, University of Madrid (UPM), Madrid, Spain
Master curves of crumb rubber modified binders containing Montan waxes as warm mix asphalt additives

Session 7B  Performance and testing - Part 2

Jean-Paul Michaut, Colas – Session chairman

Josef Zak, Department of Road Structures, CTU in Prague, Prague, Czech Republic
On laser scanning, pavement surface roughness and international roughness index in highway construction

Bertrand Poteau, Research Center, Eurovia Management, MERIGNAC, France
Smartvia concept: a 5 years feedback on standalone pavement structure monitoring

Geoff Rowe, Abatech, Blooming Glen, United States
Cracking of asphalt pavements and the development of specifications with rheological measurements

Vincent Gaudefroy, IFSTTAR, Bouguenais, France
Bitumen-in-water emulsion: Destabilization by electrolyte solutions and rheological evaluation

Joelle de Visscher, Belgian Road Research Centre, Brussels, Belgium
European round robin tests for the Multiple Stress Creep Recovery Test and contribution to the development of the European standard test method

Michal Sarnowski, Warsaw University of Technology, Warsaw, Poland
Innovative SMA-MA mixture for bridge asphalt pavement

Stefan Büchler, ISBS, Institut für Straßenwesen, Technische Universität Braunschweig, Germany
Crack propagation in asphalt mixture based on photoelasticity method
**Session 8A  Maintenance & Rehabilitation**

Helene Odelius, Nynas – Session chairman

Francois Chaignon, Colas, France  
*Keynote address*

Alexandra Destree, Belgian Road Research Centre, Brussels, Belgium  
*Field study to evaluate different pre-normative interlayer adhesion tests*

Joralf Aurstad, Norwegian Public Roads Administration, Trondheim, Norway  
*The influence of asphalt workmanship on pavement service life*

Peter Sebaaly, University of Nevada, Reno, Nevada, United States  
*Effectiveness of preventive maintenance of asphalt pavements*

Peter The, Rijkswaterstaat, Ministry of Transport and the Environment, Utrecht, Netherlands  
*Life-prolonging preventive maintenance techniques for porous asphalt*

Johan Gerber, University of Stellenbosch, Matieland, South Africa  
*Application of bitumen adhesion and cohesion laboratory tests in a finite element modelling approach of chip seals*

**Session 8B  Sustainable development**

Mike Southern, Eurobitume - Session chairman

Malcolm Simms, Mineral Products Association – MPA, London, UK  
*Keynote address*

Amlan Mukherjee, Michigan Technological University, Houghton, United States  
*Lessons learned in developing an environmental product declaration program for the asphalt industry in North America*

Bob Kluttz, Kraton Polymers, Houston, TX, United States  
*Long term performance of a highly modified asphalt pavement and application to perpetual pavement design*

Ismail Cavagnol, USIRF, Paris, France  
*Life+ SustainEuroRoad software*

Ulf Sandberg, Swedish National Road and Transport Research Institute (VTI), Linköping, Sweden  
*How do we improve the durability of porous asphalt?*

Matteo Pettinari, Danish Road Directorate, Hedehusene, Denmark  
*Low rolling resistance pavements in Denmark*