

第三届国际沥青材料会议

(青岛汇泉王朝酒店, 2009年8月6-7日)

会议日程

2009年8月5日 (星期三)

09:00 – 18:00	报到, 领取会议资料	酒店大堂
18:00 – 20:00	欢迎自助晚餐	25楼旋转餐厅

2009年8月6日 (星期四)

07:00 – 08:00	报到	国际会议中心门口
08:00 – 08:45	开幕式 欢迎致辞: 美国西部研究院 开幕致辞: 中国石油大学 主题演讲: 前美国国家联邦公路管理局	黄欣哲 张玉贞 John D'Angelo
08:45 – 09:15	休息	

议题一 黏结结构及试验

主持人: 中国石油大学 张玉贞

09:15 – 10:45	沥青质在沥青中的角色 (A2)	Per Redelius	国际会议中心
	胶态沥青结构稳定性的特质 (C13)	Li Jin	
	认识沥青分子和黏土粒子表面活性及其在油砂运输业的应用 (C109)	Susanna Ho	
10:45 – 11:00	茶歇 / 参观展览展示区域		国际会议中心走廊
11:00 – 12:00	可用于沥青的蒙脱石黏土表面活性剂特 (A8)	Gang Liu, M.F.C. van de Ven	国际会议中心
	MSCR试验与车辙的关系 (A42)	John D'Angelo	
12:00 – 13:15	自助午餐		25楼旋转餐厅

议题二 温拌、再生沥青路面和沥青老化

主持人: 哈尔滨工业大学 谭忆秋

弗吉尼亚工艺研究院及州立大学 Linbing Wang

13:15 – 14:45	沥青混合物与再生沥青路面(RAP)的工程特性 (C105)	Jian-Shiuh Chen	国际会议中心
	沥青回收利用新技术—100% 沥青再生路面 (A44)	Jung-Do Huh	
	Evotherm温拌沥青技术在中国低气温地区的应用 (C102)	Alex Tao	
14:45 – 15:15	茶歇 / 参观展览展示区域		国际会议中心走廊
15:15 – 16:45	路面沥青黏结料氧化过程的交通模型 (A26)	Charles J. Glover	国际会议中心
	沥青老化过程中骨料相互作用及老化的影响 (A33)	Wu Jiantao & Gordon Airey	
	实地全面的评估移动负载模拟器在瑞士路面使用性能	Manfred Partl	
18:30 – 20:00	大会欢迎晚宴		2楼多功能厅

2009年8月7日 (星期五)

议题三 路面性能

主持人: Xiaohu Lu, Nynas & Jenny Liu, 阿拉斯加大学

08:00 – 09:40	滨州永久路面试验路: 路面重载下的动态响应 (A36)	Gerald Huber	国际会议中心
	沥青混合料刚度模量变化在路面结构的使用评价, 在MEPDG使用信息来自山东省公路(A39)	Geoffrey M. Rowe	
	俄克拉荷马州 I-35 试验段弹性模量路面评价 (A28)	Musharraf Zaman	
	(* 智能沥青压实分析仪的校准程序	Musharraf Zaman	
09:40 – 10:10	茶歇 / 参观展览展示区域		国际会议中心走廊
10:10 – 11:40	沥青混合料含聚合物改性剂的性能比较 (C80)	Jafar Rahmani	国际会议中心
	沥青混合料形态的流变主曲线 (C76)	Guilian ZOU	
	沥青粘合剂自愈能力的调查 (A9)	J. Qiu, M.F.C. van de Ven	
11:40 – 13:00	自助午餐		25楼旋转餐厅
议题四 建模			
主持人: 江苏省交通科学研究院 贾渝 公共工程研究院 Kazuyuki Kubo			
13:00 – 14:30	理想沥青混合料的离散元建模单调压缩试验 (A37)	Andrew Collop	国际会议中心
	沥青砂浆和石骨架对抗永久变形的沥青混合料的贡献 (C15)	A.A.A. Molenaar	
	机械化材料的设计工具, 阐述多孔沥青混凝土 (A3031)	M. Huurman	
14:30 – 15:00	茶歇 / 参观展览展示区域		国际会议中心走廊
15:00 – 16:30	小型与大型车辙设备的比较	James R. Grenfell	国际会议中心
	利用人工智能多孔沥青混凝土性能的建模	A.A.A. Molenaar	
	在加速路面试验基础上预言使用中柔性路面的疲劳寿命 (C38)	Runhua Guo, Xiaoping Lin	
16:30	大会结束语, 介绍第二天会议。		
18:30 – 20:30	大会晚餐		25楼旋转餐厅

Aug 8, 2009 (Saturday) 线路 1

INTERNATIONAL WORKSHOP (无同声传译)

ISAP Technical Committee APE Asphalt Pavements and Environment

The workshop aims to provide a forum for the exchange of recent R&D results among researchers and practitioners involved in material characterization and field validation for predictions of the short- and long-term performance of various types of recycled materials.

08:00	Welcome, Organization Introduction Chairman Zhang Yuzhen (CSTM Chairwoman) Manfred Partl (ISAP-TC APE Chairman) John D'Angelo (ISAP President)	Shin-Che Huang	Huiquan Hall
08:20	Presentations, Moderator: Yu Jia Background and Subjects (4 presentations, 20 minutes/each) Xiaoning Zhang , P.R. China Gerry Huber , U.S.A. Manfred Partl , Switzerland A.A.A. molenaar , The Netherland Chui-Te Chiu , Taiwan		
10:00	Questions		
10:10	Break		
10:30	Presentations, Moderator: Yiqiu Tan Background and Subjects (4 presentations, 20 minutes/each) Chantal De La Roche , France Namho Kim , Rep. of Korea Xiaohu Lu , Sweden Gabriele Tebaldi , Italy		Huiquan Hall
11:50	Questions		
12:00	Luncheon Buffet		Revolving Restaurant at 25 th Floor
13:30	Presentations, Moderator: Lin Wang Background and Subjects (4 presentations, 20 minutes/each) James Ross Adrian Grenfell , United Kindom Kazuyuki Kubo , Japan Charles J. Glover , U.S.A. Yu Jia , P.R. China		Huiquan Hall
14:50	Questions		
15:20	Panel Discussions(Current issues), Gerry Huber & Manfred Partl		
16:20	Wrap Up, Shin-Che Huang & Gariele Tebaldi		
16:30	Adjourn		
18:30	Dinner Buffet		Revolving Restaurant at 25 th Floor

2009年8月8日（星期六）线路2

高速公路考察

08:00 汇泉王朝酒店门口集合上车

08:00-11:30 青岛市区—济青高速公路—同三高速公路—济青复线高速公路
路面参观

11:30 黄岛沙滩休闲观光，戏水

12:30 黄岛用中餐

13:30 渡轮返青岛，车游青岛市区，东海路雕塑一条街、五四广场、音乐广场，观国内最大的钢制雕塑“五月的风”，远眺2008奥运帆船赛场，观东部新区，新市府办公楼，感受奥运城市的飞跃发展。游览栈桥。车游素有万国博览会的八大关，游览青岛最美的沙滩石老人海水浴场，感受海滨城市的迷人风景！自由购物或返酒店。

17:00 返回汇泉王朝酒店。会议圆满结束。

2009年8月9日（星期日）

高速公路考察（50人）

08:00 汇泉王朝酒店门口集合上车

08:00-11:30 青岛市区—济青高速公路—同三高速公路—济青复线高速公路
路面参观

11:30 黄岛沙滩休闲观光，戏水

12:30 黄岛用中餐

13:30 渡轮返青岛，车游青岛市区，东海路雕塑一条街、五四广场、音乐广场，观国内最大的钢制雕塑“五月的风”，远眺2008奥运帆船赛场，观东部新区，新市府办公楼，感受奥运城市的飞跃发展。游览栈桥。车游素有万国博览会的八大关，游览青岛最美的沙滩石老人海水浴场，感受海滨城市的迷人风景！自由购物或返酒店。

17:00 返回汇泉王朝酒店。会议圆满结束。

3rd International Conference on Asphalt Materials

(Huiquan Dynasty Hotel, Qingdao, August 6-7, 2009)

AGENDA

Aug 5, 2009 (Wednesday)

09:00 – 18:00	Registration & Pick up conference materials	Hotel Lobby
18:00 – 20:00	Welcome Dinner Buffet	Revolving Restaurant at 25 th Floor

Aug 6, 2009 (Thursday)

07:00 – 08:00	Registration	Entrance of International Conference Center
08:00 – 08:45	<i>Opening Ceremony</i> Welcome and Introduction Shin-Che Huang Opening Remarks Yuzhen Zhang Keynote Speech John D'Angelo, former FHWA	International Conference Center
08:45 – 09:15	<i>Break</i>	

SESSION I Binder Structures and Tests

Session Chair– Yuzhen Zhang, University of Petroleum

09:15 – 10:45	Asphaltenes in bitumen, what they are and what they are not (A2)	Per Redelius	International Conference Center
	Bitumen Colloidal and Structural Stability Characterization (C13)	Li Jin	
	Understanding the Molecular Surface Charges of Asphalt and Clay Particles and Application in the Transportation and Oil Sands Industries (C109)	Susanna Ho	
10:45 – 11:00	Coffee break / Visiting exhibition area		Foyer of International Conference Center
11:00 – 12:00	Characterisation of Organic Surfactant on Montmorillonite Nanoclay to Be Used in Bitumen (A8)	Gang Liu, M.F.C. van de Ven	
	The Relationship of the MSCR Test to Rutting (A42)	John D'Angelo	
12:00 – 13:15	Luncheon Buffet		Revolving Restaurant at 25 th Floor

SESSION II WMA & RAP & Aging

Session Chair– Yi-Qiu Tan, Harbin Institute of Technology

Linbing Wang, Virginia Polytechnic Inst. & State University

13:15 – 14:45	Engineering Properties of Bituminous Mixtures Blended With Second Reclaimed Asphalt Pavements (RAP) (C105)	Jian-Shiuh Chen	International Conference Center
	A New Technology of Recycling 100% Reclaimed Asphalt Pavements (A44)	Jung-Do Huh	
	The Evotherm Warm Asphalt Technology Applied at Low Air Temperature in China (C102)	Alex Tao	
14:45 – 15:15	Coffee break / Visiting exhibition area		Foyer of International Conference Center
15:15 – 16:45	A Transport Model of Asphalt Binder Oxidation in Pavements (A26)	Charles J. Glover	International Conference Center
	The influence of aggregate interaction and ageing procedure on bitumen ageing (A33)	Gordon Airey	
	Field Evaluation of Pavement Performance using a Full-Scale Mobile Load Simulator at Switzerland	Manfred Partl	
18:30 – 20:00	Conference Dinner		Multi-Function Hall at 2nd Floor

Aug 7, 2009 (Friday)

SESSION III Pavement Performance

Session Chair– Xiaohu Lu, Nynas & Jenny Liu, University of Alaska

08:00 – 09:40	Binzhou Perpetual Pavement Test Road: Dynamic Response of Pavement Under Very Heavy Loads (A36)	Gerald Huber	International Conference Center
	Evaluation of Hot Mix Asphalt Stiffness Modulus Variation in Pavement Structures for Use in MEPDG Using the Informationa from Shandong Province Roads(A39)	Geoffrey M. Rowe	
	Evaluation of Resilient Moduli of Pavement Layers at an Instrumented Section on I-35 in Oklahoma (A28)	Musharraf Zaman	
	(*) Calibration Procedures for the Intelligent Asphalt Compaction Analyzer	Musharraf Zaman	
09:40 – 10:10	Coffee break / Visiting exhibition area		Foyer of International Conference Center
10:10 – 11:40	Comparison of Performance of Asphalt Mixtures Containing Polymer Modifiers (C80)	Jafar Rahmani	International Conference Center
	Morphology Of Asphalt Mixture Rheological Master Curves (C76)	Guilian ZOU	
	Investigating the Self Healing Capability of Bituminous Binders (A9)	J. Qiu, M.F.C. van de Ven	
11:40 – 13:00	Luncheon Buffet		Revolving Restaurant at 25 th Floor

SESSION IV Modelling

Session Chair– Jia Yu, JiangSu TRI

Kazuyuki Kubo, Public Works Research Institute

13:00 – 14:30	Discrete Element Modelling of Monotonic Compression Tests in an Idealised Asphalt Mixture (A37)	Andrew Collop	International Conference Center
	Contribution of the Bituminous Mortar and Stone Skeleton to the Resistance to Permanent Deformation in Asphalt Mixtures (C15)	A.A.A. Molenaar	
	Unravelling Porous Asphalt Concrete, towards a mechanistic material design tool(A3031)	M. Hurman	
14:30 – 15:00	Coffee break / Visiting exhibition area		Foyer of International Conference Center
15:00 – 16:30	Comparison of Small and Large Scale Wheel Tracking Devices	James R. Grenfell	International Conference Center
	Performance Modeling of Porous Asphalt Concrete Using Artificial Intelligence(C36)	A.A.A. Molenaar	
	Predict In-Service Fatigue Life of Flexible Pavements Based on Accelerated Pavement Testing (C38)	Runhua Guo, Xiaoping Lin	
16:30	Closing Remark(Introduce next day event)		
18:30 – 20:00	Conference Dinner		Revolving Restaurant at 25 th Floor

Aug 8, 2009 (Saturday) Option 1

INTERNATIONAL WORKSHOP

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16:20	Wrap Up, Shin-Che Huang & Gariele Tebaldi		
16:30	Adjourn		
18:30	Dinner Buffet		Revolving Restaurant at 25 th Floor

Aug 8, 2009 (Saturday) Option 2

Highway Inspection

08:00 Getting on bus at entrance of Huiquan Hotel.

08:00-11:30 Qingdao urban field – Jiqing Expressway – Tongsan Expressway – Jiqing 2# Expressway

11:30 Huangdao beach tourism

12:30 Lunch at Huangdao.

13:30	Ferry back to Qingdao, visting Qingdao by bus. Donghai Road, a street sculpture, May 4th Square, Music Square and watch the country's largest steel sculpture "wind in May," overlooking the 2008 Olympic sailing venue, the eastern part of the new district, the new city government building, feeling the rapid development of the Olympic city. Visiting the BA DA Guan Expo, visit the most beautiful beach in Qingdao, feeling the charming seaside landscape! Shopping time or return to hotel.
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17:00	Back to Huiquan Hotel, successful close the conference.
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Aug 9, 2009 (Sunday)

Highway Inspection (50 people)

08:00 Getting on bus at entrance of Huiquan Hotel.

08:00-11:30 Qingdao urban field – Jiqing Expressway – Tongsan Expressway – Jiqing 2# Expressway

11:30 Huangdao beach tourism

12:30 Lunch at Huangdao.

13:30	Ferry back to Qingdao, visting Qingdao by bus. Donghai Road, a street sculpture, May 4th Square, Music Square and watch the country's largest steel sculpture "wind in May," overlooking the 2008 Olympic sailing venue, the eastern part of the new district, the new city government building, feeling the rapid development of the Olympic city. Visiting the BA DA Guan Expo, visit the most beautiful beach in Qingdao, feeling the charming seaside landscape! Shopping time or return to hotel.
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17:00	Back to Huiquan Hotel, successful close the conference.
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