



PIARC International Seminar on Road Condition Monitoring & Material Recycling Technique

(Joint Seminar of China RIOH and PIARC TC4.2, 26-28 March 2014)

Seminar

PIARC International Seminar on Road Condition Monitoring and Material Recycling Technique

Sponsors

The World Road Association (PIARC)

Research Institute of Highway, Ministry of Transport (RIOH)

Organizers

National Engineering Research Center of Road Maintenance Technologies, China (RoadMainT)

International Technical Cooperation and Exchange Center of RIOH, China



Co-organizer

Beijing Municipal Bridge Maintenance Management Group Co., Ltd

Topic

1. Road Condition Monitoring
2. Material Recycling



Conference Agenda

Theme-1: Road Condition Monitoring (Wednesday March 26th, 2014)

- **Keynote speech:** High speed data collection techniques and its engineering implementation in China

Speaker: Dr. PAN Yuli, Director of RoadMaint Co., Ltd

■ Session I : State of art of road data collection techniques and their implementation

- **Topic 1-1-1:** High speed road deflection survey techniques and its application in China

Speaker: Mr. CHANG Chengli, National Roads and Bridges Quality Supervising and Testing Center

- **Topic 1-1-2:** Establishment of technical assurance system for trunk roads network monitoring in China

Speaker: Ms. YU Liyun, Highway Monitoring & Response Center of MOT

- **Topic 1-1-3:** Use of 3D laser sensors for collecting surface distress information

Speaker: Mr. Benoît Petitclerc, Ministry of Transport for Québec, Canada

- **Topic 1-1-4:** Use of in-vehicle sensors to monitor road conditions

Speaker: Mr. Margo Briessinck, Agency for Roads and Traffic–Brussels, Belgium

■ **Session II: Quality control of data collection and analysis**

- **Topic 1-2-1 :** Accuracy control of data collection equipments

Speaker: Mr. HE Song, National Center of Metrization for Equipments of Roads and Bridges.

- **Topic 1-2-2:** Quality control of field survey and data processing of CiCS

Speaker : Dr. PAN Zongjun, RoadMainT Co., Ltd

- **Topic 1-2-3:** Overall quality management data

Speaker: Mr. Leif Sjögren, Swedish National Road and Transport Research Institute

- **Topic 1-2-4:** Utilising the right data for quality analyses

Speaker: Mr. Michael Moffatt, Australian Road Research Board

■ **Session III: Analysis of the condition data**

- **Topic 1-3-1:** Development of road maintenance decision system based on road condition data in Zhejiang Province

Speaker: Mr. ZHU Dingqing, Zhejiang highway administration Bureau

- **Topic 1-3-2:** Management and use of road condition data for expressway maintenance decision support in Hebei Province

Speaker: Mr. ZHAO Baoping, Hebei Provincial Expressway Administration Bureau

- **Topic 1-3-3 :** Application of high speed data collection techniques in road routine maintenance management in Beijing.

Speaker: Mr. KAN Lijun, Beijing Municipal Bridge Maintenance Management Group Co., Ltd

- **Topic 1-3-4:** Use of road condition data in refining existing specifications

Speaker: Mr. Mohammed Shafiq Aazam, Ministry of Transport, Saudi Arabia

Theme-2: Road Material Recycling (Thursday March 27th, 2014)

- **Keynote Speech** : State of art of material recycling techniques and their implementation in China

Speaker: Dr. HUANG Songchang, Research Institute of Highway

- **Keynote Speech** : Overview of PIARC's new guidelines on pavement recycling

Speaker: Mr. Mats Wendel, Swedish Transport Administration

■ Sessions I : Cold recycling technology of asphalt pavement

- **Topic 2-1-1:** Cold recycling technology of emulsified asphalt

Speaker : Mr. WANG Songgen, RoadMainT Co,Ltd

- **Topic 2-1-2:** Cold recycling technology of foam asphalt

Speaker : Professor HAO Peiwen, School of highway of Chang'an University

- **Topic 2-1-3:** Structure and material design of cold recycling asphalt pavement

Speaker: Professor SUN Lijun, School of Transportation Engineering of Tongji University

- **Topic 2-1-4:** Cold-in place recycling with emulsion/cement in Portugal

Speaker: Ms. Eugénia Correia,EP Estradas de Portugal, Portugal

■ Session II : Hot recycling technology of asphalt pavement

- **Topic 2-2-1:** Key construction techniques control of hot in place recycling asphalt

Speaker: Mr. ZHANG Yifu, Freetech Co,Ltd

- **Topic 2-2-2:** Sustainable pavements in USA

Speaker: Mr. Suneel Vanikar, Federal Highway Administration, USA

- **Topic 2-2-3:** Recycling of road pavements in cold climates

Speaker: Mr. Joralf Aurstad, Norwegian Public Roads Administration

■ Session III : Recycling technology of cement concrete pavement

- **Topic 2-3-1:** Recycling technology of waste cement concrete

Speaker: Dr. TIAN Bo, Research Institute of Highway

- **Topic 2-3-2:** Rubblization technology of cement concrete pavement

Speaker: Mr. ZHANG Yuhong, Shandong Provincial Highway Administration Bureau

- **Topic 2-3-3:** Recycling of concrete into new concrete pavements

Speaker: Mr. Mario Krmek, ASFINAG, Austria

Participants

- Heads and the project managers from domestic Department of Transport, Bureau of Highways, and Conservation Department of Expressway Authority Maintenance
- Technicians from designing institute and transport research institute on roads, municipal, water resource and other related aspects
- The highway construction companies, maintenance companies, supervision units, engineering quality supervision, inspection and evaluation units, and others from related colleges and universities.

Seminar Venue

Beijing Friendship Hotel

Website: <http://www.friendshipbjhotel.com/>

Registration Fee

RMB1800 / person, including meeting packet and meals. Accommodation is EXCLUDED.

Contact Persons

Ms. XUE Mei

International Technical Cooperation and Exchange Center of RIOH

Tel: +86 10 62079767

Email: m.xue@rioh.cn

Ms. ZHANG Lian

International Technical Cooperation and Exchange Center of RIOH

Tel: +86 10 62075706

Email: lian.zhang@rioh.cn

Ms. GUAN Hui

National Engineering Research Center of Road Maintenance Technologies

Tel: +86 10 82364097

Email: guanhui@roadmaint.com