

3rd UIC Asia-Pacific Control Command and Signalling (CCS) Workshop

Tokyo, 22-23 October 2014



- PROGRAMME -

Thursday 23 October 2014

08h30~09h00	Registration
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09h00~09h15	Opening Ceremony
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Master of ceremony: Dr. MATSUMOTO Masayuki, General Manager, JR East

Mr. LOUBINOUX Jean-Pierre, Director General, UIC

Mr. SEINO Satoshi, Chairman of UIC Asia-Pacific Region, Chairman JR East

09h15~10h30	Keynote Speeches
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Present and future of the CCS, the opportunities and threats of the new supporting technologies worldwide

Mr. LOUBINOUX Jean-Pierre, Director General, UIC

History and Future of CCS Development in Europe

Dr. LOCHMAN Libor, Executive Director, CER

Advances in Signalling Systems and the Outlook for Next-Generation Train Control Systems in Japan

Dr. NAKAMURA Hideo, Professor, Nihon University

Ongoing Research and Development of Train Control Technology in China

Dr. TANG Tao, Professor, Beijing Jiaotong University

10h30~11h00	Coffee Break
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11h00~13h00	Session 1: Present Status of Operation Management Systems, Train Control Systems and Signalling Systems
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Chairman: Mr. PETRUCCIOLI Piero, CSS & TLC Sector Coordinator, UIC

Conventional Railway Signalling Systems of KORAIL

Mr. KIM Young Min, KORAIL

An overview of Australia and issues

Mr. WUST Derel, Member ARA (Australasian Railway Association)

Recent progress and present status in Japan

Mr. HIRAGURI Shigeto, General Manager, RTRI

An overview of French operation and signalling systems – today and tomorrow

Mr. ANTONI Marc, SNCF Infrastructure

Innovative technical solutions in the field of automatics and telemechanics on Russian Railways

Mr. POMENKOV Dmitry, Head of Division for Implementation of innovations, Central Infrastructure Directorate, RZD

Questions & Answers

13h00~14h00	Lunch
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14h00~15h40	Session 2: Current Technologies for ensuring availability and safety
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Chairman: Dr. HIRAO Yuji, Professor, Nagaoka University of Technology

Italian High Speed Lines: Overview on Command and Control Systems

Mr. FILIPPINI Nazzareno, Direzione Technica, RFI

Amendment Activity of RAMS Standard based in Viewpoint of Operation and Maintenance

Mr. TASHIRO Korefumi, Director, NTSEL (National Traffic Safety and Environment Laboratory), Japan

Asset management and Formal Validation of computerized interlocking systems – today and tomorrow

Mr. ANTONI Marc, UIC Rail System Department

High Speed Railway Signalling Systems of KORAIL

Mr. PARK Ki Bum, KORAIL

Questions & Answers

15h40~16h00	Coffee Break
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16h00~18h00	Session 3: Future trends of CCS Technologies and their potential to support the convergence of CCS Systems
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Chairman: Dr. MATSUMOTO Masayuki, General Manager, JR East

Methodology for Train Safety Control Based on Autonomous Perception

Dr. CAI Baigen, Professor, Beijing Jiaotong University

Issues of Future CCS Systems learned from Implementation Experience of new IT-based signaling systems

Mr. BABA Yuichi, JR East

The Advancement and Implementation of Positive Train Control (PTC) in the United States

Mr. KOLLMAR Robert, Executive Director, Engineering, Communications and Train Control, AAR (Association of American Railroads)

Security & Safety for the new Railway Signalling System

Mrs. AMMAD Nadia, Division Chief Safety, Engineering Direction, SNCF

Satellite positioning and new high performance radio connections for future Train Control Systems

Mr. PETRUCCIOLI Piero, CSS & TLC Sector Coordinator, UIC

Questions & Answers

18h00~18h15	Conclusions Session
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Mr. PETRUCCIOLI Piero, CSS & TLC Sector Coordinator, UIC

Dr. MATSUMOTO Masayuki, General Manager, JR East
