



विद्यया विन्दतेऽमृतम्

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INSTITUTION OF
RAILWAY SIGNAL AND
TELECOMMUNICATION
ENGINEERS (INDIA)

&



IRSE

INSTITUTION OF
RAILWAY SIGNAL
ENGINEERS

Indian Section

Host

International Convention on

Modern Train Control For Capacity & Safety Enhancement

April 27 - 28, 2012
New Delhi

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Friday, 27th April, 2012

08.30 - 09.30

REGISTRATION

10.00 - 10.45

INAUGURAL SESSION

- (i) Inauguration of Exhibition
- (ii) Inauguration of Seminar

10.45- 11.30

TEA BREAK & VISIT TO EXHIBITION

TECHNICAL SESSION - I

Modern Train Control System

11:30 Hrs to 13:45 Hrs

Session Chairman

Mr. Kulbhusan

Member (Electrical) / Railway Board

Session Reporter

Mr. Rakesh Ranjan

Director / Tele / Railway Board

Session Coordinator

Mr. Arun Saksena

Adv. / Sig / Railway Board

11.30 - 12.00

TMS – WR project for Mumbai Suburban

Mr. Devesh Kotak

Bombardier Transportation

12.00 - 12.30

TPWS in action: Decisive steps towards Main Line ATP on Indian Railways

Mr. Akhilesh Yadav, IRSSE

Dir / Signal / RDSO

12.30 - 13.00

ERTMS – Natural Evolution of Railway Control Systems

Mr. Daniele Bozzolo

Head of Business Development SBU - AnsaldoSTS

13.00 - 13.30

Siemens Element Control Computer ECC as a Safety Related System for Mainline Signalling

Mr. Martin Bimmermann

SIEMENS AG , GERMANY

13.30 - 13.45

Panel Discussion

13.45 - 14.30

Lunch Break

TECHNICAL SESSION - II

Modern Signaling & Telecom System for Enhanced Safety, Reliability & Line Capacity

14:30 Hrs to 18:00 Hrs

Session Chairman

Mr. M. Suresh

Addl. Member (Signal) / Railway Board

Session Reporter

Mr. Rajmal Khoiwal

Director / Signal / Railway Board

Session Coordinator

Mr. Rajeev Sharma

ED / SD / Railway Board

- 14.30 - 15.00** **WESTRACE Mk II : The Next Generation Electronic Interlocking System**
Mr. Mukul Verma
Mr. Wayne McDonald
Mr. PVK Subramanian
Mr. Steven Baker
Invensys
-
- 15.00 - 15.45** **Axle Counter – The Challenges for a Modern Train Detection System**
Mr. Joachim Janle
Director Axle Counter Business, International Business
Thales Transportation Systems, Germany
-
- 15.45 - 16.15** **State of the Art Axle Counting Systems**
Mr. Martin Rosenberg
Frauscher
-
- 16.15 - 16.45** **Wireless Technology to Improve Operation, Safety, Security**
Mr. Alvin Lim
Motorola Solutions
-
- 16.45 - 17.15** **VoIP based Train Control Communication System**
Mr. Yash Pal Tomar
Dir. / Tele / RDSO Lucknow
-
- 17.15 - 17.45** **Next Generation Train Control Systems**
Mr. Damien Convert
GE Transportation
-
- 17.45 - 18.00** **Panel Discussion**

● Working Tea shall be available from 16.00 - 17.00

Saturday, 28th April, 2012

TECHNICAL SESSION - III

**Modern Telecom Systems for Safety & Efficient Train Management
as well as Telecom Network Design for Strategic Sectors**

09:30 Hrs to 11:45 Hrs

Session Chairman

Mr. R. K. Bahuguna
MD / RailTel

Session Reporter

Mr. S. P. Beck
Dir / Vig. / Railway Board

Session Coordinator

Mr. Pradeep Awasthi
ED / SP / Railway Board

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- 09.30 - 10.00** **Reliable, High Speed Switched DWDM for Broadband Deployment across India: The Infinera Advantage**
Mr. Subhendu / Mr. Andrew. B. Webster
Infinera, USA

10.00 - 10.30	The Multi-Service IP Network for Railway Infrastructure Companies Mr. Felix Gerdes CISCO
10.30 - 11.00	GPON-A New Passive Access Technology for Railway and other Strategic Sectors Mr. Edward Sokolowski Alphion
11.00 - 11.30	ZTE Rail Transit Communication System Mr. Ashwani Kumar ZTE
11.30 - 11.45	Panel Discussion
11.45 - 12.00	Tea

TECHNICAL SESSION - IV

Case Studies - Modern Project Management and Competency Development Techniques for Safety & Signaling system.

12.00 Hrs to 13.45 Hrs

Session Chairman

Mr. A. K. Misra
AM / Tele / Railway Board

Session Reporter

Mr. J. P. Sindhu
Dir./ E&R / S&T / Railway Board

Session Coordinator

Mr. R. C. Adwal
ED / Tele / Railway Board

12.00 - 12.30	Competency Development and Enforcement in European Railways Mr. Buddhadev London Underground
12.30 - 13.00	Achieving Railway Safety Using EN 50128 Mr. Anil Kumar N.G. LDRA Technology
13.00 - 13.30	CBTC Signaling for Indian Metros Mr. Chandrika Prasad Ex. AM / Signal / Railway Board
13.30 - 13.45	Panel Discussions
13.45	Lunch