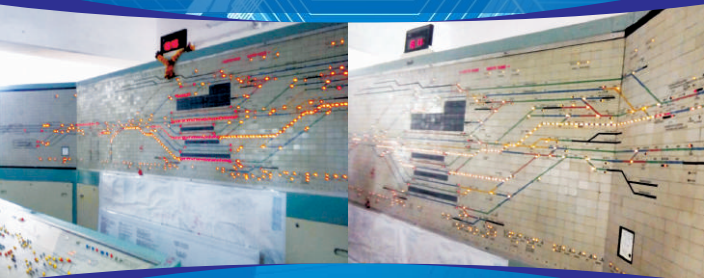


Railways Convention on ADVANCES IN COMMAND, CONTROL & COMMUNICATION SYSTEMS FOR MAIN LINE, METRO & HIGH SPEED TRANSIT SYSTEMS

28th & 29th August, 2015

Manekshaw Convention Centre, New Delhi



Programme

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Programme

Friday 28 August 2015

08.30 - 09.30 Registration

09.30 - 10.30 Welcome & Inauguration Session

Speeches by :

Mr. Suresh Prabhakar Prabhu

Minister for Railways, India

Mr. Manoj Sinha

Minister of State for Railways, India

Mr. A. K. Mital

Chairman, Railway Board, India

Mr. Navin Tandon

Member Electrical, Railway Board, India

Mr. S. Manohar

Addl. Member(Signal), Railway Board, India

Mr. K. S. Krishna Kumar

Addl. Member (Tele.), Railway Board, India

Vote of thanks by :

Mr. Anshul Gupta

Secretary, IRSE Indian Section

10.30 - 11.00 Coffee Break



TECHNICAL SESSION 1

11.00 - 13.10

“Advances in Signaling, Control & Command Systems for Main Line”

Chairman : **Mr. Navin Tandon**

Member Electrical, Railway Board, India

Session Coordinator : **Mr. Tarunprakash**

CPM, IRPMU

11.00 - 11.20 Convergence Trend between ETCS & CBTC

Mr. J.P.Mura

Siemen Limited, India

11.20 - 11.40 Signalling Trends on Main Line & Metros – Opportunity for Make in India

Mr. S. B. Bhamu

ED/SD, Railway Board, India

- 11.40 - 12.00 **High Availability : Definition, Influencing Factors & Solutions**
Mr. Michael Thiel
CEO, Frauscher Sensor Technology, Austria.
- 12.00 - 12.20 **Future World Map on Modern Control, Command Signalling System in the World**
Mr. Anshul Gupta
DRM, Adra Division, South Eastern Railway, India
- 12.20 - 12.40 **Advanced CCS Technologies for Main Line, Metro & High Speed Transit System**
Mr. Kaushik Nag
DGM, Kyosan
- 12.40 - 13.00 **Train Protection and Warning System (TPWS) – A Synopsis.**
Mr. V. Nageswar Rao
Southern Railway, India
- 13.00 - 13.10 **Q & A**
- 13.10 - 14.30 **Lunch Break**



TECHNICAL SESSION 2

14.30 - 16.20

“Advances in Signaling, Control & Command Systems for Main Line”

Chairman : **Mr. S. Manohar**
Addl Member, Signal, Railway Board, India

Session Coordinator : **Mr. Satish Kumar**
EDRE, S&T, Railway Board, India

- 14.30 - 14.50 **A Smart Signalling System for Indian Railways**
Mr. B. Sambhi Reddy
Efftronics
- 14.50 - 15.10 **Signalling for High Speed Railways – Options in Global Market**
Mr. Hiroyuki Hara
Hitachi
- 15.10 - 15.30 **CENELEC Standards, Verification, Validation and Safety Certification**
Mr. Alok Katiyar
Director, Signal, RDSO

- 15.30 - 15.50 **Centralised Traffic Control Working on Dhamra Line of ECoR**
Mr. Venkata Raman P
IRISET, SC
- 15.50 - 16.10 **Challenges in Adoption of Electronic Interlocking in Indian Railways & their Possible Solutions**
Mr. Sunil Gupta
Dr. Mukul Verma
- 16.10 - 16.20 **Q & A**
- 16.20 - 16.30 **Coffee Break**



TECHNICAL SESSION 3

16.30 - 18.20

"Modern Train Control Systems for Metro Transit System"

Chairman : **Mr. S. C. Gupta**
ex Member Electrical

Session Coordinator : **Ms. Shobhna Bandopadhyay**
CSTE, Planning, Northern Railway, India

16.30 - 16.50 **CBTC – A Perfect Solution for Capacity Enhancement of Mumbai Suburban System**

Mr. Sanjay Singh
CSTE, MRVC

16.50 - 17.10 **Communication Based Train Control Systems**

Mr. V. G. Ramesh Kumar
Thales

Mr. Ravi Prakash
Thales

17.10 - 17.30 **Communication Based Train Control - (CBTC)**

Mr. Navneet Kaushik
ED, S&T, DMRC

- 17.30 - 17.50 **Train Management System (TMS)
in Mumbai Suburban Section of
Central Railway**

Mr. Rajiv Kumar
Dy. CSTE, Central Railway

Mr. Bhaskar Verma
Dy. CSTE, Central Railway
- 17.50 - 18.10 **Signalling on Kolkata Metro**

Mr. Sanjay Kumar
CSTE, KMRCL

Mr. Nikhil Swamy
ESTE, KMRCL
- 18.10 - 18.20 **Q & A**
- 19.00 - 20.00 **Networking Reception**
- 20.00 - 22.00 **Cultural Evening followed by Dinner**



Saturday 29 August 2015

TECHNICAL SESSION 4

10.00 - 12.00

**“Modern Telecommunications &
Train Control Systems”**

Chairman : **Mr. K. S. Krishna Kumar**
Addl. Member, Telecom, Railway Board, India

Session Coordinator : **Mr. Shobhan Chaudhary**
ED, Telecom, Railway Board, India

- 10.00 - 10.20 **Ensuring Safety in Communication :
An introduction to EN 50159:2010” Safety
related communication for Signalling
applications**

Mr. Yashpal Singh Tomar
Director, Telecom, RDSO
- 10.20 - 10.40 **Paving the Path for Modern Railway
Communication**

Mr. Norman Frisch
Huawei

10.40 - 11.00 Empowering Through Knowledge and Skill Development - Initiatives by IRISSET
Mr. C. K. Prasad
Prof. IRISSET

11.00 - 11.20 Enhancing ICT Services for Indian Railways
Mr. Arun Jain
GGM, CC, RailTel

11.20 - 11.40 Smart Train Solutions
Mr. Nirav Dave
Techno Sat Comm

11.40 - 12.00 Train to Ground Wireless Broad Band Communication : Implementation and Lessons Learnt
Mr. Ron Porter
Radwin

12.00 - 12.15 Coffee Break

12.15 - 13.15 Round Table – Modern Control, Command & Communication system

Chairperson : Mr. Navin Tandon
Member Electrical, Railway Board, India

Session Coordinator : Mr. S. B. Bhamu
ED, SD, Railway Board, India

Panelists : Mr. S. Manohar
Addl. Member(Signal), Railway Board, India

Mr. K. S. Krishna Kumar
Addl. Member (Tele.), Railway Board, India

Mr. R. K. Bahuguna
CMD, RailTel

Mr. J. P. Mura
GM, Siemens

Mr. Ravi Prakash
Thales

Mr. B. Sambhi Reddy
Chief Engineer, Efftronics

Mr. Michael Thiel
CEO, Frauscher Sensor Technology

Moderator : Mr. V. K. Raina
Ex. General Manager Southern Railways
Rail Thematic Experienced Journalist (From India)
Rail Business India