

Wednesday, May 8, 2013

7:00 - 7:50 am

Registration/Breakfast in the ExpoZone

SESSION 1

8:00 - 8:35 am

Practical Implications of the Magic Wear Rate

Eric E. Magel, M.A.Sc, P.Eng., Principal Engineer - NRC Canada

SESSION 2

8:40 - 9:15 am

Measuring Rail Head Crack Depth Using Eddy Current

Brad Kerchof, Director Research & Tests - Norfolk Southern Railway

Eric Eberius, National Sales Manager - Rohmann Eddy Current Systems

9:15 - 9:25 am - Break on Lower Level



InfoZone 1: 9:25 - 9:50 am

InfoZone 2: 9:55 - 10:20 am

Located on Lower Level

10:20- 10:30 am - Up to Session Room

SESSION 3

10:30 - 11:05 am - KEYNOTE ADDRESS

INRD's Transformational Journey

Thomas Hoback, President & CEO - Indiana Rail Road Company

SESSION 4

11:10 - 11:45 am

Preparing A Regional Railroad For Heavy Haul Operation

Peter J. Ray P.E., VP - Indiana Rail Road Company
Gary P. Wolf, President - TUV- Rail Sciences Inc.

11:50 - 1:00 pm - Lunch in the ExpoZone

SESSION 5

1:00 - 1:35 pm

Enterprise Application of Measurement Technologies

Todd W. Snyder, Ph.D., Director Advanced Freight Car Engineering - Union Pacific Railroad

SESSION 6

1:40 - 2:15 pm

Towards a Maintenance Free Rail

Dr. Richard Stock, Manager Technical Customer Services - voestalpine Schienen GmbH



InfoZone 3: 2:25 - 2:50 pm

Located on Lower Level

2:50 - 3:00 pm - Break in the ExpoZone

PANEL DISCUSSION

SESSION 7

3:00 - 5:15 pm

Moderator: Gary P. Wolf, President - TUV - RSI

Review of current concerns relating to rail wear, defects, RCF, and their impact on derailment potential

The 2006 New Brighton, Pennsylvania Accident and Its Influence on Rail Defect Management

Matthew R. Fox, Ph. D., Senior Materials Engineer, Office of Research and Engineering (with contributions from Cyril (Cy) Gura) - NTSB

Derailment Investigations into Rail Wear, Fatigue Defect Development and Rail Maintenance Strategies

George Fowler P. Eng, Track & Infrastructure Engineer/
Don Mustard, B.Sc., Senior Accident Investigator - Transportation Safety Board of Canada

ADJOURN

5:15 pm

6:30 - 8:30 pm

Grand Buffet Reception



Thursday, May 9, 2013

7:00 - 7:50 am

Registration/Breakfast in the ExpoZone

SESSION 8

8:00 - 8:35 am

Managing Technological Change: Vehicle-Track Interaction (and Other Industry Applications)

Michael E. Iden, P.E., General Director Car & Locomotive Engineering - Union Pacific Railroad

SESSION 9

8:40 - 9:15 am

Controlling Rail Cant and Lateral Forces by Managing the Wheel/Rail Interface

Brad Kerchof, Director Research & Tests - Norfolk Southern Railway

9:15 - 9:25 am - Break on the Lower Level



InfoZone 4: 9:25 - 9:50 am

InfoZone 5: 9:55 - 10:20 am

Located on Lower Level

10:20- 10:30 am - Up to Session Room

SESSION 10

10:30 - 11:05 am

Breakthrough In-Train Data Specifically Indicative of Longitudinal Train Force Effect on Wheel/Rail Wear

Dave Peltz, Chief, Global Technology - GE Transportation

SESSION 11

11:10 - 11:45 am

Grinding Contracts - Getting What You Pay For

Michael McGinley, P.E., Senior Track Engineer - ARM

11:50 - 1:00 pm - Lunch in the ExpoZone

SESSION 12

1:00 - 1:35 pm

The Effects of Alternative Top of Rail Friction Materials on Pre-Existing Rolling Contact Fatigue Cracks

Christopher Hardwick, PhD Researcher - Leonardo Centre for Tribology - University of Sheffield

SESSION 13

1:40 - 2:15 pm

Use Of Hi-Rail Light Geometry Vehicles to Monitor Track for Compliance and Safety

Tom Bourgonje, PEng., Regional Chief Engineer, Western Region - Canadian National

SESSION 14

2:20 - 2:55 pm

Experimentation and Modeling of Concrete Crossties and Fastening Systems

J. Riley Edwards, Sr. Lecturer/Brandon Van Dyk, Engineer - Rail Transportation and Engineering Center (RailTEC) University of IL

2:55 - 3:15 pm - Break in the ExpoZone

SESSION 15

3:15 - 3:50 pm

Advantages Of Linsinger Rail Milling Technology On Heavy Haul

Hans-Peter Bartmann, International Sales Manager Rail Milling Technology - Eter Diplom-Betriebswirt (Fh), Linsinger Maschinenbau Austria

SESSION 16

3:55pm - 4:30 pm

On-board Equipment Condition Monitoring

Dan Maraini - Mgr. of Bogie Systems Engineering - Amsted Rail Company, Inc.

CLOSING REMARKS

4:30 - 5:00 pm

Closing Remarks/InfoZone Raffle

ADJOURN

5:00 pm

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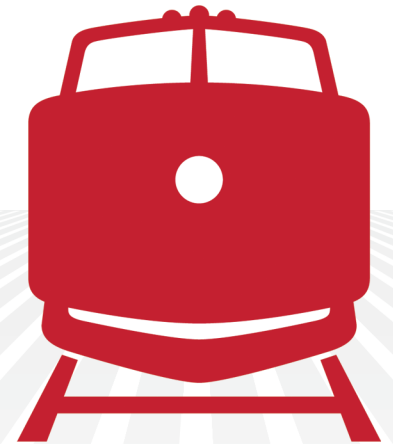
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2013

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