

ICRI Web Meeting

12 DEC 2017

RECORD MEETING

Outline

1. (5-10 mins) Introduction – Eric Magel (NRC-Canada)
2. (10 mins) A potential new ICRI project on track geometry, remediation and VTI risk. Cory Hogan (ENSCO)
3. (20 mins) Field Characterization of Rail Friction - a new ICRI project. Don Eadie (consultant) and Harold Harrison (OnTrak)
4. ~~(<10 mins) The ICRI-Safety Project. Steve Chrismer (ENSCO) and Eric Magel (NRC-Canada)~~
5. (10-15 mins) Advancing the ICRI-QuantifySurfaceFatigue project. Daniel Szablewski, NRC-Canada

Introduction

International Collaborative Research Initiative on RCF and Wear of Rails and Wheels

- Background
- Objective
- Members
- Website
- Future plans

ICRI-RCF: Description

- Objective: To identify, formulate and encourage international collaborative projects that draw in and leverage people/resources/projects to advance knowledge/tools/processes with respect to RCF and wear of rails and wheels.
- Organizational Model:
 - A coordinator
 - Research topic “champions”
 - Volunteers/contributors
 - All contributions are “in-kind”: Data, access to field sites, modeling, analysis, experience/advice...

Outcomes: technical papers, reports, web meetings, workshops

>150 participants

- Railways: CSX, CN, BNSF, CP, NS, London Underground, Network Rail...
- Research Consortia: Virtual Vehicle, AAR, RSSB
- Universities: Huddersfield, Chalmers, Sheffield, Monash...
- Regulators: FRA, Transport Canada
- Suppliers: Loram, LB Foster, ARM, LinMag
- Engineering, consultants: NRC, ENSCO, VORtech, Vehicle Dynamics

Website

- Thanks to web master Richard Stock
- <http://icri-rcf.org>

Future plans

- Roughly monthly ICRI-WebEx meetings
- Next major workshop: Delft 23SEP17