

ICRI Workshop at the IHHA 2023 conference

AUGUST 27, 2023
Rio de Janeiro, Brasil





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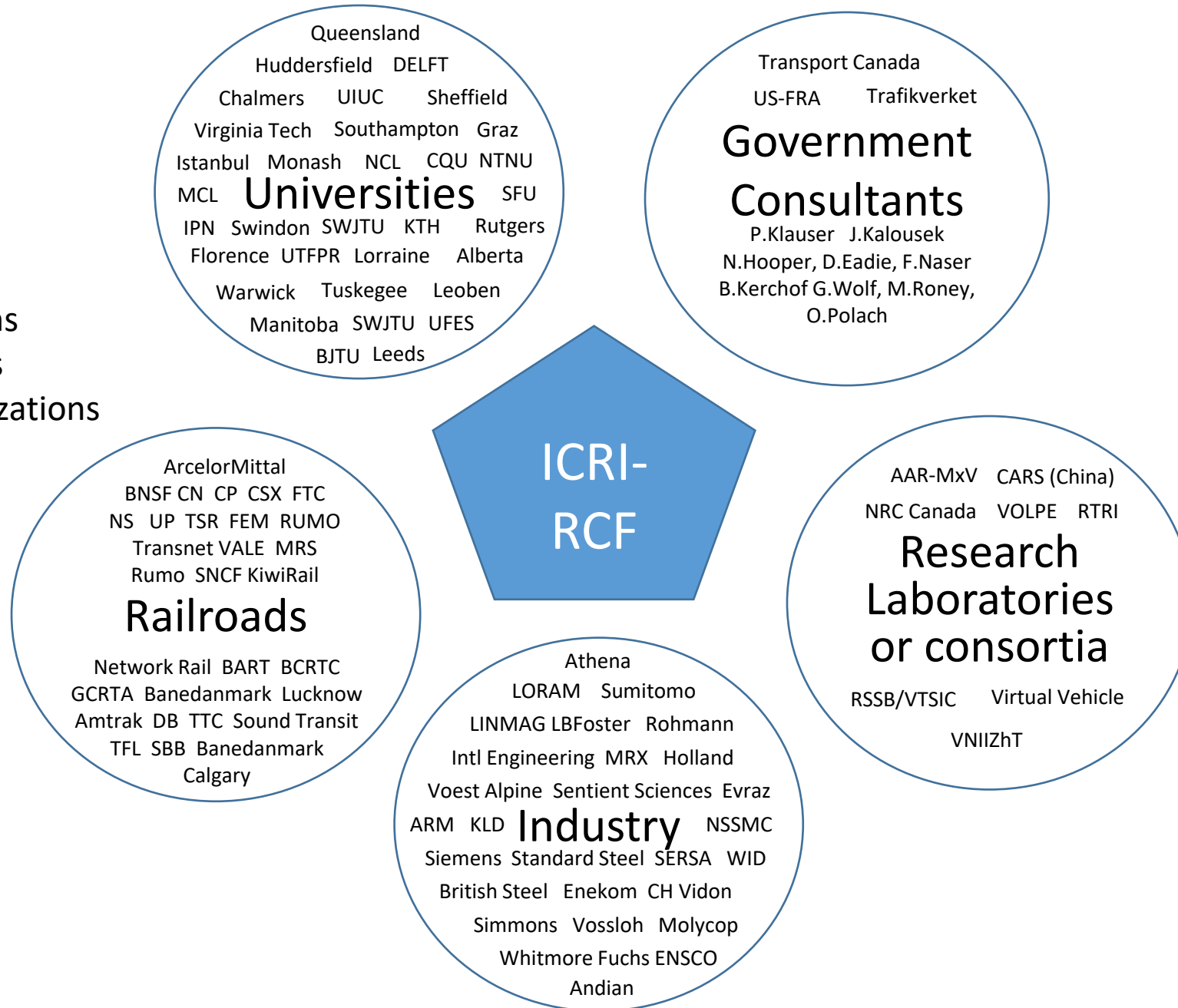
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Stephen Lewis **British Steel**

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415+ persons
33 countries
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Registration

Member Login

Register

Username *	<input type="text"/>
Email *	<input type="text"/>
Password *	<input type="password" value="Type password Here"/>
	<input type="password" value="Retype password Here"/>
First Name *	<input type="text"/>
Last Name *	<input type="text"/>
Position *	<input type="text"/>
Organization/Company *	<input type="text"/>

<https://www.icri-rcf.org/projects/>

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ICRI research projects and activities

ICRI Projects

Friction Studies

Quantify Surface Damage

Wear Mapping

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VTI Economics

Profile Scoring

ICRI Downloads

Melbourne 2022 ICRI Mini Workshop downloads

- [Workshop Presentations](#)

Vancouver 2022 ICRI Mini Workshop downloads

- [Workshop Presentation](#)
- [Athena Presentation](#)

Ottawa 2022 ICRI Workshop downloads

- [Workshop Program](#)
- [Keynote by Dan Hampton / CSX](#)
- [Presentations Day 1 \(zip file\)](#)
- [Presentations Day 2 \(zip file\)](#)
- [Presentations Day 3 \(zip file\)](#)

Vancouver 2019 ICRI workshop downloads

- [Presentations Day 1 \(zip file\)](#)
- [Presentations Day 2 \(zip file\)](#)
- [Presentations Day 3 \(zip file\)](#)
- [Summary Document](#)

ICRI Webinar on Experimental study on wear and RCF damage of wheel/rail materials under complex environment conditions (13APR22)

- [Presentation](#)
- [Meeting recording](#)

ICRI Webinar on Analytical Estimation of Impact Forces Due to Abrupt and Rapid Changes in Track Profile at Rail Ends and Turnout Crossings (02MAR22)

- [Presentation](#)
- [Meeting Recording](#)

ICRI Webinar on Long- and Short-term effect of Top of Rail Friction Modifiers (TORFM) on Traction (26JAN22)

- [Presentation](#)
- [Meeting Recording](#)
- [JRC2021-1050_TORFM Study_Virginia Tech](#)
- [Test Rig Video](#)

ICRI Webinar on Quantifying friction modifier effects on roughness and corrugation growth (14DEC21)

- [Presentation](#)

28th IAVSD International Symposium on Dynamics of Vehicles on Roads and Tracks. August 21-25, 2023, Ottawa, Canada

The IAVSD Symposium on Dynamics of Vehicles on Roads and Tracks is a leading international symposium bringing together researchers, scientists and engineers from academia and industry in the field of ground vehicle dynamics to present and exchange their latest ideas and breakthroughs.

The biennial IAVSD Symposia have been held in internationally renowned locations and this event will, for the second time, take place in Canada. The organisers of this Symposium are the National Research Council of Canada, Virginia Tech and Carleton University.

The Symposium will also offer an opportunity to participants to visit interesting places and to observe road and rail operations and advanced technologies in National Capital Region of Canada.

For more information please see: [IAVSD 2023](#)

ICRI Ottawa Workshop at IAVSD. August 24, 2023, Ottawa, Canada

The ICRI presents a one-day workshop in Ottawa during the IAVSD conference. For more Information on the workshop please visit [here](#).

For more information on IAVSD please see above.

12th International Heavy Haul Conference (IHHA 2023). 27 – 31 August 2023 in Rio de Janeiro, Brazil

The International Heavy Haul Association (IHHA), in partnership with MRS Logistics railway, will be hosting its 12th International Heavy Haul Conference, on 27 – 31 August 2023 in Rio de Janeiro, Brazil.

The Theme for this conference is: Application of Heavy Haul Innovations for a Sustainable World.

Upcoming ICRI workshops

September 2024: Vienna Austria – more information to come



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Workshop Sponsor – Thank you!!!



Today's program

start time	Sunday August 27th, Morning	Presenter
8:00	Coffee served	
8:30	Welcome, workshop outline, Intro to ICRI	Richard Stock (Plasser USA)
9:00	Decreasing of derailments after gauge face electronic lubricators installation	Adriano Magalhaes Freitas (Rumo)
9:30	Modelling rail wear	Eleir Mundim Bortoleto (Vale Institute of Technology)
10:00	Rail base breaks: One of the most concerns for Brazilian Heavy-Haul railways	Eric Pretti and Gabriel Viegas (Vale's Carajas Railway)
10:30	Coffee break	
11:00	Case study: Effects of the lack of rail grinding on the rail maintenance	Henrique Carou Costa (Metro Rio)
11:30	Case study: Turnout performance under heavy haul traffic – challenges and initiatives	Simone Issomura (BHP Australia)
12:00	General Discussion, Needs / open topics, wrap-Up	Richard Stock (Plasser USA)
12:30	End of Workshop	
1:30	Afternoon IHHA Session starts	