

ICRI Mini Workshop in Vancouver

	Wednesday June 22, 2022 at WRI
start time	
01:00	
	Reviews of some ongoing ICRI projects <ul style="list-style-type: none"> • VTI-Economics – Eric Magel (for Wesley Thomas) • Friction Library – Robert Caldwell (for Davey Mitchell) • Tribometer Continuity Plan – Robert Caldwell • Quantifying Surface Damage – Daniel Szablewski
	Presentation: “Principles and operations of Electromagnetic Field Imaging and its application to the wheel rail interface” – Paul Gies, Athena Industrial Services of Calgary
2:55-3:15	<i>coffee break</i>
	Presentation: “Analyzing Broken Rail Caused Derailments using a Risk Mapping Tool” – Yan Liu, National Research Council, Canada
	An outline of the “ICRI Broken Rails” project, including a summary of the six different elements <ul style="list-style-type: none"> • Load Characterization – Alexandre Woelfle • Wear modeling – Eric Magel (For Roger Lewis) • RCF modeling – Richard Stock • Rail Resilience – Chris Ladubec • Broken Rails and Derailment modeling – Eric Magel