

TECHNICAL WORKSHOP PROGRAMME

STRATEGIES TO ACHIEVE WORLD CLASS INNOVATIONS: 27-28 AUGUST 2023

SECTION	TIME SLOT		TOPIC	SPEAKER	COMPANY
DAY 1 27-Aug Best Practices	13:30	13:45	Welcome from IHHA	Scott Lovelace / Antonio Merheb	IHHA CEO / IHHA Chairman
	13:45	14:15	Course Outline	Michael Roney	IHHA Advisor
	14:15	15:05	Subgrade, Drainage, Transitions and Advanced Track Support Analytics	Hannes Gräbe	University of Pretoria
	15:05	15:55	Bridges Best Practices	Túlio Bittencurt	University of Sao Paulo
	15:55	16:20	COFFEE BREAK		
	16:20	17:10	Track Best Practices	Allan Zarembski	University of Delaware
	17:10	18:00	Wheel/Rail Interaction	Kevin Oldknow	Simon Fraser University
	18:00	18:50	Rolling Stock Best Practices	Walter Rosenberger	MxV
Day 2 28-Aug Case studies	08:00	08:45	Considerations for Effective Field Testing of Friction Modifiers	Marco Santoro	LB Foster
	08:45	09:30	Pandrol's Under Sleeper Pads: Maximising the Sustainable Lifetime Value of Heavy Haul Tracks with Recycled Rubber	Jamie Pogson	Pandrol
	9:30	9:50	COFFEE BREAK		
	09:50	10:35	Rail Grinding Methodologies	Chris Lidberg	Loram
	10:35	11:20	Big data applications - Track	Allan Zarembski	University of Delaware
	11:20	12:05	Optimal Rail Treatment	Richard Stock	Plasser
	12:05	12:55	LUNCH		
	12:55	13:40	Track Maintenance strategies at Aurizon	Jason Livingston	Aurizon
	13:40	14:25	Challenges and opportunities of implementing predictive maintenance for rolling stock	Simo Pykälistö	Predge
	14:25	15:10	Decarbonization, the future of Railroads	Dan McNair	Wabtec
	15:10	15:30	COFFEE BREAK		
	15:30	16:15	Human Aspects of Sustainability and Innovation fo Heavy Haul	Brian Bock	B Bock Advisory
	16:15	17:00	Safety in Design	Tamara Mahes	FMG
17:00	17:15	Discussion and Lessons Learned	Michael Roney	IHHA Advisor	