

PRINCIPLES COURSE

September 1, 2026

7:00 AM	ON-SITE REGISTRATION + BREAKFAST IN THE EXPOZONE
8:00 AM	WELCOME + INTRODUCTORY REMARKS GORDON BACHINSKY, WHEEL RAIL SEMINARS
8:15 AM	PRINCIPLES COURSE OVERVIEW BOB TUZIK (MODERATOR), INTERFACE JOURNAL
8:25 AM	SESSION 1: THE LAY OF THE LAND: INTRODUCTION TO RAIL TRANSIT BRYAN SOOTER, AMERICAN PUBLIC TRANSPORTATION ASSOCIATION (APTA)
9:15 AM	SESSION 2: TRACK, COMPONENTS & GEOMETRY HUGH FULLER, O'BUNCO ENGINEERING
10:05 AM	BREAK IN THE EXPOZONE
10:40 AM	SESSION 3: VEHICLE SUSPENSIONS & VEHICLE-TRACK INTERACTION ELTON TOMA, NATIONAL RESEARCH COUNCIL CANADA
11:30 AM	SESSION 4: WHEEL-RAIL CONTACT: AN INTRODUCTION KEVIN OLDKNOW, SIMON FRASER UNIVERSITY
12:20 PM	LUNCH IN THE EXPOZONE
1:20 PM	SESSION 5: WHEEL-RAIL DAMAGE MECHANISMS & REMEDIATION TECHNIQUES RICHARD STOCK, PLASSER AMERICAN
2:10 PM	SESSION 6: FRICTION MANAGEMENT ANDREW LITTLE, L.B. FOSTER RAIL TECHNOLOGIES
3:00 PM	BREAK IN THE EXPOZONE
3:35 PM	SESSION 7: NOISE & VIBRATIONS DEREK WATRY, WILSON IHRIG / RWDI
4:20 PM	SESSION 8: VEHICLE/TRACK MEASUREMENT TECHNOLOGIES MATTHEW DICK, ENGINEERING SYSTEMS, INC. (ESI)
5:10-5:30 PM	SESSION WRAP- UP & CLOSING REMARKS
6:00-7:30 PM	RAIL TRANSIT WELCOME RECEPTION & REGISTRATION

RAIL TRANSIT SEMINAR

Day 1: September 2, 2026

7:00 AM	ON-SITE REGISTRATION + BREAKFAST IN THE EXPOZONE
8:00 AM	WELCOME + INTRODUCTORY REMARKS GORDON BACHINSKY, WHEEL RAIL SEMINARS
8:25 AM	SESSION 1: BIG DATA FOR RAIL HEALTH ASSESSMENT: UTILIZING EXISTING INSPECTION TECHNOLOGIES TO FORECAST RAIL CONDITION MIKE PALESE, AMTRAK
9:20 AM	SESSION 2 & 3: INFOZONES #1 + #2
10:25 AM	BREAK IN THE EXPOZONE
11:00 AM	SESSION 4: EDDY CURRENT TESTING AND RAIL MILLING OF SEVERE DEFECTS IN FINLAND: A CASE STUDY CARSTEN JÖRN RASMUSSEN, LINSINGER
11:45 AM	SESSION 5: RE-ATTAINING A STATE OF GOOD REPAIR AT MBTA RYAN COHOLAN, MBTA
12:30 PM	LUNCH IN THE EXPOZONE
1:35 PM	SESSION 6: MODERN COMPONENT FAILURES IN RAIL TRANSIT ENVIRONMENT JOEL HASSEBROCK, ENGINEERING SYSTEMS INC. (ESI) ANNA J. BANKS, ENGINEERING SYSTEMS INC. (ESI)
2:30 PM	SESSION 7 & 8: INFOZONES #3 + #4
3:35 PM	BREAK IN THE EXPOZONE
4:10 PM	SESSION 9: UNDERSTANDING GROUND-BORNE VIBRATION PROPAGATION FOR RESILIENT METRO INFRASTRUCTURE: LESSONS FROM DELHI METRO'S EXPANSION PRADEEP KUMAR SHARMA, DEHLI METRO RAIL CORP. AISHWARY VARDHAN PANDEY, VANDHANA INTERNATIONAL PVT LTD.
4:55 PM	SESSION 10: STATE-OF-PRACTICE: LOW-IMPACT FROGS IN RAIL TRANSIT SHANNON MCKENNA, CROSS-SPECTRUM ACOUSTICS
5:40-5:50 PM	CLOSING REMARKS
6:30-8:30 PM	GRAND BUFFET RECEPTION

RAIL TRANSIT SEMINAR

Day 2: September 3, 2026

7:00 AM	ON-SITE REGISTRATION + BREAKFAST IN THE EXPOZONE
8:10 AM	WELCOME + INTRODUCTORY REMARKS GORDON BACHINSKY, WHEEL RAIL SEMINARS
8:20 AM	SESSION 11: LESSONS FROM HONOLULU AUTHORITY FOR RAPID TRANSPORTATION: RAIL WHEEL PROBLEMS AND SOLUTIONS KARL KIM, UNIVERSITY OF HAWAII
9:20 AM	SESSION 12: INFOZONE #5
9:55 AM	BREAK IN THE EXPOZONE
10:30 AM	SESSION 13: EXPERIENCES WITH GRINDING AND MILLING IN NORTH AMERICA – A SUPPLIER’S VIEW RICHARD STOCK, PLASSER AMERICAN
11:15 AM	SESSION 14: SAFETY THROUGH STABILITY: A CONICITY-DRIVEN ANALYSIS OF RAIL GRINDING AND L/V FORCE REDUCTION - FIELD EVIDENCE FROM DELHI METRO ATUL B KHARE, DELHI METRO RAIL CORP MANUJ SINGHAL, DELHI METRO RAIL CORP AISHWARY VARDHAN PANDEY, VANDHANA INTERNATIONAL PVT LTD.
12:00 PM	SESSION 15: SUPPORTING MAINTENANCE DECISIONS USING FULL-SCALE TESTING: BEARING MONITORING AND WINTER WHEEL DAMAGE SHUWEN GAO, NATIONAL RESEARCH COUNCIL CANADA
12:55 PM	LUNCH IN THE EXPOZONE
1:55 PM	SESSION 16: APPROACH TO WHEEL-RAIL PROBLEMS SOLUTION ON METROS AND LIGHT RAIL SYSTEMS ANDREA BRACCIALI, UNIVERSITY OF FLORENCE
2:45 PM	SESSION 17: OPTIMIZING TRACK MAINTENANCE LIMITS USING VALIDATED VEHICLE-TRACK INTERACTION SIMULATIONS CORY HOGAN, ENSCO RAIL, INC.
3:30 PM	SESSION 18: MITIGATING RESONANT OOR DEVELOPMENT IN RAIL TRANSIT: SIMPACK MULTI BODY DYNAMICS INVESTIGATION OF THE 7000 SERIES ANBO WANG, HATCH
4:15-4:30 PM	CLOSING REMARKS & INFOZONE RAFFLE
4:30-6:00 PM	END OF THE LINE RECEPTION