

# PRINCIPLES COURSE

*August 26, 2025*

7:00 AM	ON-SITE REGISTRATION + BREAKFAST IN THE EXPOZONE
8:00 AM	WELCOME + INTRODUCTORY REMARKS
8:15 AM	INTRODUCTION TO PRINCIPLES COURSE & CASE STUDY RICHARD STOCK (MODERATOR), PLASSER & THEURER
8:30 AM	PASSENGER RAIL - "LAY OF THE LAND" BRYAN SOOTER, APTA
8:45 AM	SESSION 1: TRACK, COMPONENTS & GEOMETRY LUKE REED, WILSON & COMPANY, INC.
9:40 AM	BREAK IN THE EXPOZONE
10:15 AM	SESSION 2: VEHICLE SUSPENSIONS & VEHICLE-TRACK INTERACTION HARRY SKOBLENICK, ALSTOM
11:10 PM	SESSION 3: DAMAGE MECHANISMS AND MAINTENANCE PROCESSES RICHARD STOCK, PLASSER & THEURER
12:00 PM	LUNCH IN THE EXPOZONE
1:05 PM	REVISITING OUR CASE STUDY RICHARD STOCK, PLASSER & THEURER
1:15 PM	SESSION 4: NOISE & VIBRATIONS BRIONY CROFT, SAHAYA CONSULTING + ACOUSTIC STUDIO
2:10 PM	SESSION 5: FRICTION MANAGEMENT DAVEY MITCHELL, L.B. FOSTER
3:00 PM	BREAK IN THE EXPOZONE
3:35 PM	SESSION 6: MAINTENANCE WINDOW PLANNING, UTILIZATION & LOGISTICS MARK REIMER, SAHAYA CONSULTING
4:30 PM	SESSION 7: PROCUREMENT & CONTRACTS FOR NEW SYSTEMS SHANKAR RAJARAM, SOUND TRANSIT BRIONY CROFT, SAHAYA CONSULTING + ACOUSTIC STUDIO
5:25 PM	SESSION 8: CASE STUDY WRAP-UP AND DISCUSSION RICHARD STOCK, PLASSER & THEURER
5:40-5:55 PM	CLOSING REMARKS
6:15-7:45 PM	RAIL TRANSIT WELCOME RECEPTION & REGISTRATION



# RAIL TRANSIT SEMINAR

*Day 1: August 27, 2025*

7:00 AM	ON-SITE REGISTRATION + BREAKFAST IN THE EXPOZONE
8:00 AM	WELCOME + INTRODUCTORY REMARKS
8:25 AM	SESSION 1: SOUND TRANSIT'S WHEEL/RAIL INTERACTION MANAGEMENT STRATEGY SHANKAR RAJARAM, SOUND TRANSIT
9:20 AM	SESSION 2 & 3: INFOZONES 1 + 2
10:25 AM	BREAK IN THE EXPOZONE
11:00 AM	SESSION 4: NOISE OUTCOMES FROM GRINDING AND MILLING BRIONY CROFT, SAHAYA CONSULTING + ACOUSTIC STUDIO
11:45 AM	SESSION 5: NOISE AND WEAR DATA: COLLECTION, ANALYSIS & MANAGEMENT WILLIAM ROBERT, SPY POND PARTNERS LLC
12:30 PM	LUNCH IN THE EXPOZONE
1:35 PM	SESSION 6: WHEEL/RAIL PROFILE OPTIMIZATION ON WIENER LINIEN'S VIENNA UNDERGROUND LINE U6 LUKAS PRETTNER, VOESTALPINE RAIL TECHNOLOGY GMBH
2:30 PM	SESSION 7 & 8: INFOZONES 3 + 4
3:35 PM	BREAK IN THE EXPOZONE
4:10 PM	SESSION 9: INTEGRATING AUTONOMOUS WAYSIDE AND VEHICLE- BORNE MEASUREMENTS INTO AUTOMATED DIGITAL TWIN VEHICLE/TRACK DYNAMICS SIMULATIONS CORY HOGAN, ENSCO INC.
4:55 PM	SESSION 10: RESULTS OF CONTINUOUS RAIL VIBRATION MONITORING AT UNIVERSITY OF WASHINGTON DEREK WATRY, LUKE WATRY, KATIE KRAINIC WILSON IHRIG
5:40 PM	MESSAGE FROM SOUND TRANSIT SHANKAR RAJARAM
5:50-6:00 PM	CLOSING REMARKS
6:30-8:30 PM	GRAND BUFFET RECEPTION SPONSORED BY PLASSER AMERICAN



# RAIL TRANSIT SEMINAR

*Day 2: August 28, 2025*

7:00 AM	ON-SITE REGISTRATION + BREAKFAST IN THE EXPOZONE
8:10 AM	WELCOME + INTRODUCTORY REMARKS
8:20 AM	SESSION 11: ENSURING WRI COMPATABILITY IN VEHICLE DESIGN AND PROCUREMENT SHANKAR RAJARAM, SOUND TRANSIT
9:20 AM	SESSION 12: INFOZONE 5
9:55 AM	BREAK IN THE EXPOZONE
10:30 AM	SESSION 13: TRACK DAMAGE MECHANISMS AND REMEDIATION MARK REIMER, SAHAYA CONSULTING
11:15 AM	SESSION 14: MEASURING THE IMPACT OF RAIL GRINDING ON WHEEL WEAR BRAD KERCHOF, GLOBAL RAIL NORTH AMERICA
12:00 PM	LUNCH IN THE EXPOZONE
1:05 PM	SESSION 15: ASSET MANAGEMENT FOR STATE OF GOOD REPAIR TIM ELSBERRY, RAILROAD SOFTWARE
1:50 PM	SESSION 16: IMPLEMENTATION OF GUARD RAIL AND POINT ASSET INSPECTION TECHNOLOGY TO REDUCE RISK BERNHARD METZGER, ENSCO INC.
2:45 PM	SESSION 17: ENGINEERING SOLUTIONS TO MITIGATE TRACK BUCKLING ON VIAMOBILIDAD, SÃO PAULO'S HIGH-DENSITY COMMUTER RAIL LINE PAULO LOBATO, CCR S.A
3:30-3:50 PM	CLOSING REMARKS & INFOZONE RAFFLE GORDON BACHINSKY, WHEEL RAIL SEMINARS
4:00-5:30 PM	END OF THE LINE RECEPTION