

2022 TAC Conference & Exhibition | Technical Program

Edmonton Convention Centre

Last updated August 10, 2022

Session Track Legend

AT - Active Transportation	GD - Geometric Design	RS - Road Safety	TO - Traffic Operations	Session Types: (PS) Presentation Session (PD) Panel Discussion (WS) Workshop *French Presentation
AM - Asset Management	IT - Intelligent Transportation Systems	SM - Small Municipalities	TF - Transportation Finance	
CC - Climate Change	MM - Mobility Management	SO - Soils & Materials	TP - Transportation Planning	
CO - Construction	MO - Maintenance & Operations	ST - Structures	WD - Workforce Development	
EN - Environment	PV - Pavements	TE - Connected & Automated Vehicles	(TT) Technical Tour	

Technical Session & Tour Schedule

	MON, OCT 3		TUE, OCT 4 (Student Day)				WED, OCT 5			
	13:45-15:15	15:45-17:15 or 17:30	8:30-10:00	10:30-12:00	13:45-15:15	15:45-17:15 or 17:30	8:30-10:00	10:30-12:00	13:45-15:15	15:45-17:15 or 17:30
Salon 2			TP.4A Integration of Transportation and Land Use Planning (PS)	TP.4B Integration of Transportation and Land Use Planning (PS)		TP.5A Transportation Systems Modelling (PS)	TP.5B Transportation Systems Modelling (PS)	TP.5C Transportation Systems Modelling (PS)	TP.5D Transportation Systems Modelling (PS)	
Salon 3		TE.1 CAV Applications—Infrastructure Maintenance and Commercial Freight (PS)	TO.2A Resilient Traffic Management (PS)	TO.2B Resilient Traffic Management (PS)	EN.3 Managing Environmental Liabilities at Maintenance Depots (PS)	CC.3 Transportation Infrastructure—Getting to Net Zero (PS)	IT.3 ITS and Corridor/Lane Management (PS)	SM.2 Traffic Calming in Small Municipalities—Policies and Implementation Case Studies (PS)		
Salon 4	GD.3A Urban Design Challenges—Accessibility, Vision Zero and Complete Streets (PS)	GD.3B Urban Design Challenges—Accessibility, Vision Zero and Complete Streets (PS)			ST.1A Transportation Structures (PS)	ST.1B Transportation Structures (PS)	ST.1C Transportation Structures (PS)	ST.1D Transportation Structures (PS)	MO.2A Innovations in Summer and Winter Maintenance (PS)	MO.2B Innovations in Summer and Winter Maintenance (PS)
Salon 5 & 6	TP.1A Applications of Data in Transportation Planning (PS)	TP.1B Applications of Data in Transportation Planning (PS)	PV.1A Innovations in Pavement Management, Engineering and Technologies (PS)	PV.1B Innovations in Pavement Management, Engineering and Technologies (PS)	PV.1C Innovations in Pavement Management, Engineering and Technologies (PS)	PV.1D Innovations in Pavement Management, Engineering and Technologies (PS)	AM.5 Technology in Asset Management/ New Data Sources (PS)	TP.2 Goods Movement (PS)		
Salon 8	EN.1 Fish Passage Considerations In An Ever (Climate) Changing World (PS)	AT.3 Planning for Active Transportation Networks (PS)	GD.2 Unconventional Intersections and Roundabouts (PS)	IT.2 How ITS Can Help Achieve Vision Zero (PS)		SO.3 Innovation in Roadway/ Embankment Materials and Geotechnical Engineering (PS)	SO.4A Testing and Modeling of Roadway/Embankment Materials and Geotechnical Engineering (PS)	SO.4B Testing and Modeling of Roadway/Embankment Materials and Geotechnical Engineering (PS)	SO.2 Green Technology in Roadway/ Embankment Materials and Geotechnical Engineering (PS)	
Salon 9	WD.1 Developing Highly Qualified Personnel for Road Authorities in an Era of Disruptive Transportation Technologies (PD)	SM.1 Best Practices Traffic Operations in Small Municipalities (PD)	EN.4A Policy, Legislation, and Green Procurement: Keeping Pace with Environmental Innovation (PD)	EN.4B Policy, Legislation, and Green Procurement: Keeping Pace with Environmental Innovation (PD)	IT.1 Disruptive Technologies in Transportation: What's Around the Corner (PD)		EN.2 Invasive Species, Road Ecology and the Changing Climate (PD)	TE.2 CAV Initiatives (PD)	CC.2A PIARC and Canadian Challenges in Developing Road System Resilience (PS)	CC.2B PIARC and Canadian Challenges in Developing Road System Resilience (PS)
Salon 10	SO.1A Bond Strength: Changing the Way We Think About Tack Coats For Flexible Pavements (PD)	SO.1B Bond Strength: Changing the Way We Think About Tack Coats For Flexible Pavements (PD)	AM.2A Asset Management of Gravel Roads (PD)	AM.2B Asset Management of Gravel Roads (PD)		GD.1 All Highways Big and Small: Interchanges, Major Facilities, and Two-Lane Highways (PS)	WD.4 Professional Development in the Online Universe, Part 2: A Hybrid Future? (PD)	TF.3 Public-Private Partnerships: Lessons Learned from Major Transportation Projects (PD)	AM.3 Infrastructure Resilience and Implications of COP26 on Asset Management (PD)	AM.4 Innovations in Asset Management (PS)
Salon 11	IT.4 Transportation Cybersecurity: Emerging Challenges and Considerations (PD)	RS.2 Ethical Challenges and Approaches for Reducing Fatal and Serious Injury Crashes (PD)	AT.1 Cycling Solutions: Overcoming Challenges and Barriers through Design (PS)	AT.2 Emerging Research in Active Transportation (PS)	RS.3 Road Safety Analysis (PS)	RS.5 Road Safety Implementation and Assessment (PS)	RS.7 Road Safety Outcomes of Lowered Speed Limits (PD)	RS.8 Road Safety Planning (PS)	RS.6 Road Safety Implications of Year-round Cycling (PD)	RS.10 Vision Zero and Safe System in the Canadian Context (PS)

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Salon 12	AT.4 Universal Accessibility in Active Transportation (WS)	IT.5 Transport Canada's ITS Cybersecurity Self-Assessment Tool and Guidance (WS)	RS.1A Applying Vision Zero and Safe System Principles (WS)	RS.1B Applying Vision Zero and Safe System Principles (WS)				RS.4 Road Safety and Climate Change (WS)			
Salon 13 & 14	CC.1A Municipalities Acting on Climate Change (PS)	CC.1B Municipalities Acting on Climate Change (PS)*	RS.9A Road Safety Tools and Technologies (PS)*	RS.9B Road Safety Tools and Technologies (PS)	TP.1 Applications of Data in Transportation Planning (PS)*	AM.1 Asset Management and Climate Change (PS)			TF.2 Measuring Infrastructure Sustainability from Planning to Maintenance (PS)	TO.1A #Innovative TrafficControl (PS)	TO.1B #Innovative TrafficControl (PS)
Salon 15 & 16	MM.2A Last-Kilometre Goods Movement in Canada—What's Next? (PD)	MM.2B Last-Kilometre Goods Movement in Canada—What's Next? (PD)	TF.1 Governance of Seamless Transportation Systems (PD)	WD.2 ISO 55000 Asset Management Journey—Enterprise-Wide Training Needs and Lessons Learned (PD)*	MM.1 Curbside Management and Design Solutions for New Mobility (PD)	WD.3 Mentoring and Knowledge Transfer in Transportation (PD)	MM.3 Micromobility Implementation in Canada: An Agency's Perspective (PD)		TP.3 Health and Transportation (PS)	CO.1A Changing Utilities Management for a Changing Climate (PS)	CO.1B Changing Utilities Management for a Changing Climate (PS)
Technical Tours	TOUR D Walterdale Bridge Tour (TT) 14:00-15:30		TOUR A City of Edmonton LRT – Valley line, Stadium Station (TT) 8:30-12:00		TOUR B Active Modes Tour – Downtown and River Valley (Funicular) (TT) 14:00-16:00		TOUR E Yellowhead Trail Freeway Conversion – Stop & Go to Free-Flow (TT) 10:00-12:00		TOUR B Active Modes Tour – Downtown and River Valley (Funicular) (TT) 14:00-16:00		
	TOUR F Kathleen Andrews Transit Garage (TT) 14:00-16:00		TOUR G Anthony Henday Drive – Edmonton's Completed Ring Road (TT) 9:00-12:00		TOUR E Yellowhead Trail Freeway Conversion – Stop & Go to Free-Flow (TT) 14:00-16:00				TOUR C Tawatinâ Bridge Tour (TT) 13:45-15:15		
					TOUR H Smart Construction Infrastructure Solutions (TT) 13:45-17:15				TOUR G Anthony Henday Drive – Edmonton's Completed Ring Road (TT) 13:30-16:30		
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