

Canadian Association of Road Safety Professionals

Français

NETWORKING

- CARSP Conference
- CARSP/PRI 2021 Joint Virtual Conference
- Preliminary Program
 - Speaker Biographies
- Conference Registration
 - Refund and Cancellation Policies
- Call for Abstracts
- Student Competitions
 - Student Paper Competition
 - Student Poster Competition
 - CARSP – Vehicle Safety Enhancement Award
- Sponsor Opportunities
- 2021 Conference Sponsors
- Past Conferences
- Awards and Scholarships
- Membership
- Membership Options
- Subscribe to our mailing list
- The Safety Network Newsletter
- Canadian Road Safety News Digest

EVENTS

RESEARCH

- Research Papers
- Research Papers Search
- Proceedings
- Purchase Complete Proceedings
- Resources

Search recently published papers from the Canadian Multidisciplinary Road Safety Conference

SEARCH OUR RESEARCH PAPERS

CARSP MEMBERSHIP



Preliminary Conference Program
CARSP/PRI 2021 Joint Virtual Conference

Last updated: May 31, 2021

- [Sunday, August 22, 2021](#)
- [Monday, August 23, 2021](#)
- [Tuesday, August 24, 2021](#)
- [Wednesday, August 25, 2021](#)

Safety Sources
High-Tech Vehicle Safety Systems

NEWS

JOB POSTINGS

About CARSP
Board of Directors
Young Professionals’ Committee
National Office
CARSP Awards
Contact Us

This is a bilingual conference. All presentation sessions (excluding poster sessions) will be interpreted. Unless otherwise indicated, presenters will be speaking in English.

Sunday, August 22, 2021	
Throughout Day	Meetings TBD

Monday, August 23, 2021	
10:30am – 11:45am	<p>Plenary Session Opening Ceremonies/Welcoming Remarks:</p> <p>Martin Lavallière, Co-Chair, <i>CARSP/PRI 2021 Conference and Board Director, CARSP</i> Benacer Boulaajoul, Co-Chair, <i>CARSP/PRI 2021 Conference and President, PRI</i> Ward Vanlaar, Co-Chair, <i>CARSP/PRI 2021 Conference and COO, TIRF</i> Valérie Lavoie, <i>President and COO, Desjardins</i></p> <p>Keynote Speakers:</p> <p>Jean Todt, <i>Secretary General, Special Envoy for Road Safety, United Nations The United Nations New Decade of Action on Road Safety, 2021 to 2030</i> Etienne Krug, <i>Director, Social Determinants of Health, World Health Organization’s (WHO) Department for Management of Noncommunicable Diseases, Disability, Violence and Injury Prevention (NVI), WHO</i> <i>How the Social, Physical and Economic Conditions in Society Impact Road Safety</i> <i>Zoleka Mandela, Child Health Initiative Ambassador, United Nations</i> <i>TBD</i></p>
11:45am - 12:30am	Lunch / Trade Show Exhibition
12:30pm – 1:45pm	<p>Panel Discussion 1 – Communication in Road Safety: How to Reach the Different Target Audiences (FRENCH / Interpreted) <i>Moderator: Alex Nolet, President, CARSP</i></p> <p>Catherine Brassard, <i>Communications Advisor, SAAQ</i> <i>Raising awareness on road safety: issues and challenges for Société de l’assurance automobile du Québec</i></p> <p>Pénélope Daignault, <i>Full Professor, Université Laval</i> <i>Using segmentation to better evaluate and communicate in road safety</i></p> <p>Anne Lavaud, <i>General Director, Association Prévention Routière</i> <i>Understanding behaviours to better target promotion</i></p>
1:45pm - 2:15pm	BREAK – MEET & GREET on Salient Road Safety Topics (Sponsored)

2:15pm – 3:30pm	<p>Slidedeck Presentation Session 1A: <i>Social Inequalities, the Built Environment and Road Safety</i></p> <p>Active School Transportation and the Built Environment across Canadian Cities: Findings from the Child Active Transportation Safety and the Environment (CHASE) Study (Rothman)</p> <p>Evaluation of Vision Zero School Safety Zone Built Environment Interventions in Toronto, Canada: A Pilot Study (Rothman)</p> <p>The challenges of implementing a GIS database for active transportation and road safety in four Canadian metropolitan areas (Rancourt) (Delivered in French / Interpreted)</p> <p>Social inequalities in child pedestrian collisions in Toronto, Canada. The role of the built environment (Schwartz)</p> <p>An investigation of the built environment risk factors related to specific mechanisms of injury between children and adolescents in three Canadian Cities. (Aucoin)</p> <p>Slidedeck Presentation Session 1B: <i>Road Design and Speed Management</i></p> <p>Floating bus stops – Are they improving the safety of all road users? (Nolet)</p> <p>2+1 Roads - Swedish Innovation - Canadian Rural Road Solution? (Wilson)</p> <p>Traffic calming implementation around Calgary elementary schools: Stepped wedge RCT (Hubka Rao)</p> <p>Appraising Data-Acquiring Technology: Using Speed Data to Create Safer Cities (Chaffey)</p> <p>Using Speed as a Safety Indicator for Vehicle Turning Movements at Urban Intersections (Bocktor)</p> <p>Poster Presentation Session 1C: <i>Fitness to Drive</i></p> <p>Evaluation of a physician communication resource to educate patients on the risks of driving when prescribed pain medication (Robertson)</p> <p>How to measure brain activity in drivers with sleep disorders: A methodological presentation (Rizzo)</p> <p>Overview of the nursing profession in relation to road safety (Savoie) (Delivered in French / Interpreted)</p> <p>Poster Presentation Session 1D: <i>Child and Youth Injury Prevention</i></p> <p>The role of traffic, road design and parent’s perceptions on children active transportation safety: a systematic review (Amiour)</p> <p>The LEA*DRS Program: Informing Collisions Down (Taylor)</p> <p>The Vision Zero Youth Network: A New Peer-to-Peer Program to Engage the Most Vulnerable Road Users in Injury Prevention (Hayes)</p> <p>Evaluation of a prevention activity for potentially intoxicated teenage pedestrians in the City of Saguenay (Desjardins) (Delivered in French / Interpreted)</p>
Tuesday, August 24, 2021	
10:30am – 11:45am	<p>Plenary Session</p> <p>Panel Discussion 2 – COVID-19 and Road Safety</p>

	<p>(BILINGUAL / Interpreted)</p> <p>Description: A roundtable with international experts sharing their experience and insight into the impact of the pandemic on mobility and road safety as well as opportunities emerging from this disruptive event.</p> <p><i>Moderators: Robyn Robertson, President & CEO, TIRF and Ward Vanlaar, COO, TIRF</i></p> <p>Evelyn Vingilis, <i>Director of the Population and Community Health Unit and Professor, University of Western Ontario</i></p> <p>Benacer Boullaajoul, <i>Director General, National Road Safety Agency and President, PRI</i></p> <p>Maxime Brault, <i>Head of Road Safety Research, SAAQ</i></p> <p>Heather Woods-Fry, <i>Research Scientist, TIRF</i></p>
11:45am - 12:30pm	Lunch / Trade Show Exhibition
12:30pm – 1:45pm	<p>Panel Discussion 3 – Cannabis and Road Safety – Are we there yet?</p> <p><i>Moderator: Paul Boase, Chief – Road Users, Transport Canada</i></p> <p>Robyn Robertson, <i>President & CEO, TIRF</i> and Ken Lindhardtsen, <i>Vice-President of Accident Benefits and Bodily Injury Claims, Desjardins General Insurance Group</i></p> <p><i>Cannabis and driving: prevalence and research needs</i></p> <p>Mathieu Synnott, <i>Drug coordinator/Consulting and operations Support Module, Road Safety and Recreational Tourism Service, Sûreté du Québec</i></p> <p><i>Police Practices Related to Cannabis Impaired Driving</i></p> <p>Wendy Thompson, <i>Epidemiologist, Centre for Surveillance and Applied Research, Public Health Agency of Canada</i></p> <p><i>Trends Related to Cannabis and Motor Vehicle Crashes</i></p>
1:45pm - 2:15pm	BREAK – MEET & GREET on Salient Road Safety Topics (Sponsored)
2:15pm – 3:30pm	<p>Slidedeck Presentation Session 2A: <i>Cannabis-Impaired Driving I</i></p> <p>Driving Under the Influence of Cannabis among Recreational and Medical Cannabis Users (Wickens)</p> <p>Driving after cannabis use: Perceptions of drivers during the transition to legalized non-medial cannabis in Canada (Cristiano)</p> <p>Interventions to Prevent Drugged Driving: A Systematic Review (Razaghizad)</p> <p>Relating Individual Differences in Personality with Speed after Smoked Cannabis (Wickens)</p> <p>Slidedeck Presentation Session 2B: <i>Safe System Approach/Vision Zero/Road Safety Management</i></p> <p>Comparison of Road Safety Management in Six Countries (Jonah)</p> <p>Evaluation of urban road safety policies (Fourrel de Frettes) (Delivered in French / Interpreted)</p> <p>Evaluation des politiques urbaines de sécurité routière (Fourrel de Frettes)</p> <p>Road Safety in Canada During the United Nations' Decade of Action (Jonah)</p> <p>Parachute Vision Zero: Our Road Safety Approach (Fuselli)</p> <p>Parachute Vision Zero: The Canadian Landscape (Smith)</p>

	<p>Prioritization of themes and customers in road safety (Paguet)</p> <p>Poster Presentation Session 2C: <i>Environmental Factors in Road Safety</i></p> <p>The impact of the COVID-19 pandemic on road safety in Portugal (Trigoso)</p> <p>Automated Avalanche Detection System (AADS) (Steele)</p> <p>Crash Testing and Evaluation of Aging Roadside Safety Hardware (Hopkins)</p> <p>Rail Crossing Information System Abstract (RCIS) (Edgar)</p> <p>Identifying metrics to measure the success of built environment interventions: A Rapid Scoping Review (Pitt)</p> <p>Poster Presentation Session 2D: <i>Risky Driving Behaviours / Perceptions of Risk</i></p> <p>The Dynamics between the Resilience and Safety Culture of Traffic System and Driver Behaviours? (Ozturk)</p> <p>Canadian wildlife-vehicle collisions: An examination of knowledge and behaviour for collision prevention (Barrett)</p> <p>Driving exposure and distraction: A comparison of three in-vehicle tasks (Eng)</p> <p>Investigating the psychometric properties of Driving Moral Disengagement Scale (DMDS) (sadeghnejad)</p> <p>Regional variations of the road risk in France: A psychosocial study (Bec-Gérion)</p>
3:30pm - 4:00pm	CARSP Annual General Meeeting (AGM)

Wednesday, August 25, 2021	
10:30am – 11:45am	<p>Slidedeck Presentation Session 3A: <i>Cannabis-Impaired Driving II</i></p> <p>Connect, not convince: Reaching youth cannabis-users with the #KnowWhatImpairedMeans campaign (Smith)</p> <p>Weed Out The Risk: An Anti-Crash Course on Cannabis and Driving (Hector)</p> <p>Marijuana Use Among Drivers in Canada (Brown)</p> <p>Slidedeck Presentation Session 3B: <i>Risky Drivers / Fitness to Drive</i></p> <p>Pilot Study of a Remedial Program for First-Time Distracted Driving Offenders (Robertson)</p> <p>Trends in distracted driving in Canada (Robertson)</p> <p>Clinical Determinants of Fitness to Drive in Drivers with Multiple Sclerosis: A Systematic Review (Krasniuk)</p> <p>Teen Drivers vs. Non-drivers: Are there differences in behaviour? (Seeley)</p> <p>The Relationship between Attention Deficit Hyperactivity Disorder (ADHD) Symptoms and Impaired Driving: Results from the Ontario Student Drug and Health Survey (OSDUHS) (Vingilis)</p> <p>Poster Presentation Session 3C: <i>Vulnerable Road User Safety</i></p> <p>Analyzing Pedestrian Behaviour at Signalized Intersections: Does Intersection Type Affect Pedestrian Behaviour? (Miladi)</p>

	<p>Once a pedestrian, always a pedestrian (Fournelle) (Delivered in French / Interpreted)</p> <p>A naturalistic observation study of road users and motorcycle helmet use rates in Antananarivo, Madagascar (Silva)</p> <p>Equitability in Balancing Safety and Operations in Vision Zero Strategies: Leading Pedestrian Interval Case Study (Hasanpour)</p> <p>Mobility experiences of blind and visually impaired road users in Northern Italy (Perego)</p> <p>Poster Presentation Session 3D: <i>Vehicle Safety and Crash Prediction</i></p> <p>Low Speed Automated Shuttle: From Test Track to on-Road Pilot (Charlebois)</p> <p>Traffic Safety Screening (TSS) and FeGIS+ - From vision to Vision Zero (Kathmann)</p> <p>A data-driven assessment of the efficacy of vehicle safety inspection programs. (Acharya)</p>
11:45am - 12:30am	Lunch / Trade Show Exhibition
12:30pm – 1:45pm	<p>Panel Discussion 4 – Autonomous Vehicles and Vehicular Technologies: Where are we now? <i>Moderator: Martin Lavallière, Professor, Kinesiology, Université du Québec à Chicoutimi</i></p> <p>Brenda Vrkljan, Professor, McMaster University <i>Aging Drivers and the Promise of Advanced Vehicle Technologies</i></p> <p>Alain Areal, General Director, PRP Portugal, First President, PRI <i>Automated Vehicles: the European perspective</i></p> <p>Bryan Reimer, Research Scientist, MIT Center for Transportation and Logistics <i>Human Factor Challenges Related to AVs and Vehicular Technologies</i></p> <p>Michael Kennedy, Vice-President, Marketing Strategy and Foundations, Ontario, Atlantic and West, Desjardins Group <i>Autonomous Vehicles: An insurer's perspective</i></p>
1:45pm - 2:15pm	BREAK – MEET & GREET on Salient Road Safety Topics (Sponsored)
2:15pm – 3:30pm	<p>Slidedeck Presentation Session 4A: <i>Autonomous Vehicles and Advanced Vehicle Safety</i></p> <p>Advanced Driver Assistance Systems in Winter Conditions (Charlebois)</p> <p>Improving the public’s perception of autonomous vehicles by communicating the consistency of autonomous vehicle algorithms (Walker)</p> <p>Low Speed Automated Shuttles: Passenger Experience in Different Traffic Environments (Lau)</p> <p>Road safety and autonomous vehicles: A neo-institutional analysis (Haddad) (Delivered in French / Interpreted)</p> <p>Slidedeck Presentation Session 4B: <i>Vulnerable Road User Safety</i></p> <p>Toronto's Vision Zero Before-After Evaluation of a Left Turn Calming Pilot (Samara)</p> <p>Senior Safety Zones in Toronto: A Case Study (Dilgir)</p> <p>All pedestrians! campaign: "On foot, we have no armor" (Lesiack) (Delivered in French / Interpreted)</p> <p>Cyclist Safety Behaviour Towards Stop Signs. A Study on Stop-Controlled Intersections Using Video Trajectory and Surrogate Measures of Safety (Navarro)</p>

Helmet use among two-wheeled users’ victims of road accidents in Benin (Houunkpe Dos Santos) (Delivered in French / Interpreted)

Poster Presentation Session 4C: *Speeding and Speed limits*

- Why 30 km/h municipal speed limits Are the Right Thing to Do (King)
- Relationship between Motor Vehicle Speed and Active School Transportation at Elementary Schools in Toronto and Calgary, Canada (Rothman)
- Safety Management Practices on Low-volume Roads: A Survey (Al-Kaisy)

Poster Presentation Session 4D: *Alcohol and Drug Impaired Driving*

- Cannabis-impaired driving ability among youth: Results from the 2018 Estrie Population Health Survey (Mamri) (Delivered in French / Interpreted)
- Review of Impaired Driving Detection Methods and Proposing a New Approach for Continuous and Real Time Early Stage Recognition (Abolhasannejad)
- Evaluation of a police road safety prevention activity in the City of Saguenay: IMPACT (Desjardins) (Delivered in French)

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