

Global Toyota Speakers & Session Leadership

Plenary SESSION

Session	Date/Time	Room#	Title	Speaker
Plenary 1	Aug 26th 10:00AM-11:30AM	Sidney Marcus Auditorium, Level 4	Creating a Safer Future with Connected and Automated Technologies	Kevin Ro Director & General Manager – Safety Regulations & Research, Toyota Motor North America, Inc.

International Forum

Session	Date/Time	Room#	Title	Speaker
IF 4	Aug 26th 01:00PM-02:30PM	A305	The Vision of Intelligent Mobility and Future City	John Absmeier Chief Technology Officer, Woven by Toyota
IF 8	Aug 27th 03:00PM-04:30PM	A305	C-ITS & Collective Perception for Safe, Efficient, and Automated Urban Mobility	Ada Lin Senior Intelligent Transport Systems Specialist, Toyota Motor Corporation Australia Limited

USDOT

Session	Date/Time	Room#	Title	Speaker
USDOT	Aug 26th 1:00PM-2:30PM	A311	USDOT : Advancing Safety with Responsible AI	Seyhan Ucar Principal Researcher, InfoTech Labs Toyota Motor North America R&D

SPECIAL INTEREST SESSIONS

Session	Date/Time	Room#	Title	Speaker
SIS 28	Aug 25th 01:00PM-02:30PM	A313	V2X/C-ITS Continues to Develop Towards the Future	Paul Spaanderman , Founder and CEO of InnoMo, ETSI TC ITS Vice Chair and Car2Car Communication Consortium WG Functional, InnMo Martin Boehm , Technical Director, AustriaTech Niels Peter Skov Andersen , General Manager, CAR 2 CAR Communication Consortium Razvan Racu , Head of V2X Function Development, Volkswagen AG John Kenney , Director and Senior Principal Researcher, InfoTech Labs Toyota Motor North America R&D Kristian Hedberg , Minister Counsellor, Mobility & Transport, Delegation of the European Union to the United States Justin Anderson , Next Generation Wireless Communications Program Manager, USDOT, ITS JPO Organized by TOYOTA Lead: Kevin Anegawa , Vice Chair, International Committee, ITS Japan, TOYOTA Motor Corporation
SIS 43	Aug 26th 10:00PM-11:30PM	A311	V2X/C-ITS for Vehicles & Micromobility	Paul Spaanderman , Founder and CEO of InnoMo, ETSI TC ITS Vice Chair and Car2Car Communication Consortium WG Functional, InnMo Jannis Frits , V2X Function Developer, Volkswagen AG Gernot Lenz , Coordinator Traffic Management Systems, City of Vienna Hikaru Tsukamoto , Vice president, Honda Motor Co., Ltd. Ram Shallom , Director, Product Management, Qualcomm Bob Najduk , Director of Hardware, Trek Bicycle Company Organized by TOYOTA Lead: Kevin Anegawa , Vice Chair, International Committee, ITS Japan, TOYOTA Motor Corporation
SIS 61	Aug 26th 01:00PM-02:30PM	A312	Connectivity and Cooperative ITS - Harmonization for Deployment	Ada Lin Senior Intelligent Transport Systems Specialist, Toyota Motor Corporation Australia Limited

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Paper Sessions

Session	Date/Time	Room	Session Title	Paper Title	Speaker
PS01	Aug 24th 9:00AM-10:00AM	A301	Vehicle Automation - Using AI To Improve Vehicle Location	Autonomous Transport with Localized AI Support	Kiminobu Makino Toyota Motor Corporation
PS04	Aug 24th 10:15AM-11:15AM	A301	Optimization and Standards for Electric Vehicles, Electric Roads and Measuring Mitigation	Utilizing Renewable Energy for Distributed Edge Cloud Control in Connected Services	Mitsuhiro Ono Toyota Motor Corporation
PS05	Aug 24th 10:15AM-11:15AM	A305	Edge Case Solutions Leveraging V2X Environments	V2V Communication with Emergency Service Vehicle - Ambulance	Ada Lin Toyota Motor Corporation Australia Limited
PS05	Aug 24th 10:15AM-11:15AM	A305	Edge Case Solutions Leveraging V2X Environments	Partial Sensor Data Sharing for Collective Perception Applications	Sergei Avedisov Toyota Motor North America
PS05	Aug 24th 10:15AM-11:15AM	A305	Edge Case Solutions Leveraging V2X Environments	Investigating Effects of Heterogeneity of Connected Vehicle Data for Traffic Volume Estimation	Masaaki Inoue Toyota Motor Corporation
PS06	Aug 24th 10:15AM-11:15AM	A316	Vehicle Automation - Investigating the Impacts of Automated Vehicles on Vulnerable Road Users	Human Factor Study: Understand Driver Behavior in Response to Unsafe Follower Vehicles	Seyhan Ucar Toyota Motor North America
PS10	Aug 24th 01:30PM-02:30PM	A316	Data and Modeling	A Novel Method for Multivariate Traffic Flow Analysis Using Time Series Modeling	Toshihiro Tanizawa Toyota Motor Corporation
PS12	Aug 24th 02:45PM-03:45PM	A311	Improving Driver Warning and Efficiency Through V2X Applications	Reducing the Parking Search Time using Crowdsourced Vehicle Data	Xiaofei Cao & Yusuke Takeuchi Toyota Motor North America
PS12	Aug 24th 02:45PM-03:45PM	A311	Improving Driver Warning and Efficiency Through V2X Applications	V2V Communication with Public Transport Vehicle – Trams	Ada Lin & Luke Capelli Toyota Motor Corporation Australia Limited
PS12	Aug 24th 02:45PM-03:45PM	A311	Improving Driver Warning and Efficiency Through V2X Applications	Vision-based Large Language Model with Extended Reality for Driver Warning	Yitao Chen Toyota Motor North America
PS14	Aug 25th 08:00AM-09:30AM	A316	Networked, C-V2X, MEC and MEC-Less V2X Communications	Dynamic Link Selection Method for Suitable Communication Cost Allocation in Internet-of-Vehicles	Naoya Kaneko Toyota Motor Corporation
PS14	Aug 25th 08:00AM-09:30AM	A316	Networked, C-V2X, MEC and MEC-Less V2X Communications	Evaluation of The 5G NR Sidelink and LTE Sidelink Co-channel Coexistence Solutions	Chinmay Mahabal & Takayuki Shimizu Toyota Motor North America
PS15	Aug 25th 08:00AM-09:30AM	A314	Data and AI Tools: Part 1	Bridging Driver Descriptions and Vehicle Warnings An LLM-Based Text-to-Image Retrieval Approach	Jiawei Yong Toyota Motor Corporation
PS16	Aug 25th 01:00PM-02:30PM	Theater #1, Exhibit Hall Floor Booth #861	Data For Infrastructure Management and Applications	A Data-Driven Approach to Quantifying Demand for Charging Stations Using Connected Vehicle Data	Shugo Matsusaka Toyota Motor Corporation
PS17	Aug 25th 03:00PM-04:30PM	A314	Vehicles, Infrastructure, Regulatory Frameworks, and Market Conditions: A Wholistic Approach to Sustainable Journeys	Overheating Prediction for FCEVs using CAN and Map Information	Hideaki Bunazawa Toyota Motor Corporation

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Paper Sessions

Session	Date/Time	Room	Session Title	Paper Title	Speaker
PS20	Aug 26th 10:00AM-11:30AM	A301	Improving Detection Through Improved GPS Positioning and Shared Data Objects	Evaluation of the Effectiveness of a Micro Mobility Approach Notification System using Smartphones	Yasunobu Yokoi Toyota Motor Corporation
PS20	Aug 26th 10:00AM-11:30AM	A301	Improving Detection Through Improved GPS Positioning and Shared Data Objects	Enhancing Real-World Situational Awareness: LiDAR-Based Cooperative Perception	Deyuan Qu Toyota Motor North America
PS20	Aug 26th 10:00AM-11:30AM	A301	Improving Detection Through Improved GPS Positioning and Shared Data Objects	V2X with Collective Perception for Crash Prevention in Urban Environments	Ada Lin Toyota Motor Corporation Australia Limited
PS22	Aug 26th 01:00PM-02:30PM	A316	Data Applications	Harnessing Digital Infrastructure for Automated Vehicle Underbody Rust Detection	Matthew Dula Toyota Motor North America
PS25	Aug 27th 08:00AM-09:30AM	A314	Optimizing Connected Vehicle Systems Management: Enhancing Detection, Safety and Communications	Fine-Grained Spatio-Temporal Traffic Congestion Detection in Motorways with Connected Vehicle Data	Masaaki Inoue Toyota Motor Corporation
PS25	Aug 27th 08:00AM-09:30AM	A314	Optimizing Connected Vehicle Systems Management: Enhancing Detection, Safety and Communications	Lane-level Traffic Estimation Using Connected Vehicles' Data	Lu Xu Toyota Motor North America
PS26	Aug 27th 10:00AM-11:30AM	A311	Examining System Use to Improve Safety Through Coordinated Movements and Platooning	Synchronization of Maneuver Coordinations in Connected Automated Driving & Negotiation: Effective Cooperative Maneuvering Strategy for Connected Automated Vehicles	Sergei Avedisov Toyota Motor North America
PS26	Aug 27th 10:00AM-11:30AM	A311	Examining System Use to Improve Safety Through Coordinated Movements and Platooning	Multi-Agent Platooning with Intent Sharing	Ahmadreza Moradipari Toyota Motor North America
PS27	Aug 27th 10:00AM-11:30AM	A313	Traffic Data Analysis	Mining Movement Patterns for Aggressive Driving Detection	Seyhan Ucar Toyota Motor North America
PS28	Aug 27th 01:00PM-02:30AM	Theater #1, Exhibit Hall Floor Booth #861	Innovative Ideas for Traffic Management	Development and Evaluation of a Reinforcement Learning-based Aggressive Lane-Changing Assistant System	Seyhan Ucar Toyota Motor North America
PS32	Aug 28th 08:00AM-09:30AM	A313	Advancing Vehicle Automation: Data Insights and Simulation Techniques	Real-Time Personalized Adaptive Cruise Control with Dynamic Gap Adjustment	Kyungtae Han Toyota Motor North America

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