

Programme at a glance

25th ITS World Congress

Copenhagen, Denmark, 17 – 21 September 2018

		Bella Center		Hall B				
		Auditorium Bordeaux	Auditorium Vienna	Tokyo	Montreal	London	Madrid	Turin
Monday 17 September								
11.00 – 12.30				SIS01 Comparing permits authorising trials of automated vehicles. Which works best?	TS01 Legal and governance issues	SIS02 Communication technologies for connected vehicles and automated driving		TS02 City air quality
Lunch (12.30 – 13.30)								
13.30 – 15.00				SIS09 Legal framework for AV accident	TS05 The future evolution of ITS	SIS10 Assessing next generation technologies for emerging future transportation environments	SIS03 Bringing new products and services to market	TS06 Electromobility
16.00 – 17.30	Copenhagen Hall		Opening Ceremony					
Tuesday 18 September								
09.00 – 10.30				SIS16 Automated buses: the future of (last-mile) public transport?	TS10 Better parking terminal operations	SIS17 Evolution from current automotive connectivity and ITS deployments to 5G and 5G C-V2X	TS11 Communication Technologies 1	SIS18 ITS For Life
Coffee Break								
11.00 – 12.30	PL1		Achieving higher quality of life in our cities					
Lunch (12.30 – 13.30)								
13.30 – 15.00	ES01 Healthy and liveable cities	ES02 Putting citizens first in mobility design	SIS23 Deployment of Autonomous Shuttles on Public Roads – Experiences from Different Countries	TS15 Safety	SIS24 Smart Villages: ITS in Rural Areas	TS16 Standards and architecture	SIS25 Promote the Electromobility integration in urban environment	
Coffee Break								
15.30 – 17.00	ES03 Essentials for developing a smart city	ES04 Managing the ebbs and flows of travel	TS20 Public transit systems	TS21 User acceptance	SIS28 Cooperative-ITS Standards Gaps	TS22 Communication technologies 2	SIS29 Copenhagen CO2-Neutral by 2025	
Coffee Break								
17.15 – 18.45			SIS34 Autonomous Vehicles in Public Transport	SIS35 Strategy of Practical Implement of V-I Cooperative Systems for Traffic Accident Avoidance	SIS36 ICT serving automated road transport	SIS37 From Problem to Prototype: A Coordinated, Use-Case Based Approach	SIS38 Challenge of a common methodology to assess ITS impact on reducing emissions	
Wednesday 19 September								
09.00 – 10.30			SIS42 Automated shuttles – lessons from trials and the path to deployment	TS27 Vulnerable Road Users	SIS43 Technical Challenges to Integrating Low Speed Automated Vehicles into the Transportation Network	TS28 Roadmaps to deployment	SIS44 Smart metrics for smart cities – traffic signals' contribution to liveability	
10.45 – 11.30								
Coffee Break								
11.00 – 12.30	PL2		Ensuring integrated mobility services					
Lunch (12.30 – 13.30)								
13.30 – 15.00	ES05 MaaS: Seamless and effortless mobility	ES06 Institutional and legal challenges of CCAM	SIS48 Effective Measures of Success: The United States Connected Vehicle Pilots	TS32 V2X Solutions & Concepts	SIS49 Fast deployment of V2X using cellular networks and neutral servers	TS33 Sensing, detection, classification	TS34 Testing new approaches 1	
Coffee Break								
15.30 – 17.00	ES07 The role of Open Data in the digital infrastructure – AM	ES08 Efficiency in freight transport – EU	SIS53 Impact Assessment of Automated Vehicles on Traffic flow and Environment	TS38 Traffic management and connected infrastructure 1	SIS54 Establishing a Large-Scale Security Credential Management System for V2X Communication	SIS55 Fusion of road infrastructure and vehicle sensor data for automated driving	TS39 Signal optimising and traffic management	

Topics: ■ Mobility services ■ Environment ■ Automation ■ Freight ■ Satellite ■ Transport networks ■ Cross-border

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Berlin	Paris	Orlando	Sydney	Melbourne	Nagoya	Europe	Stockholm Nordic stream	ITS Forum	Theatre
	TS03 Traffic data 1	SIS05 Maximise the potential and the market uptake of the EGNSS in mobility	SIS06 IBEC: ITS resources to aid practitioners and decision-makers	TS04 Open data and information	SIS07 Rural MaaS – from definition to action	SIS08 ITS for Persons with Reduced Mobility (PRM)			
SIS12 Defining Smart Cities: What is Best for Its Citizens?	TS07 Traffic data 2	TS08 Satellite services and mapping	SIS13 Public and private partnerships towards Quality of Mobility and Quality of Life	TS09 Network management tools	SIS14 User-centric approaches enabling automated vehicles in mixed traffic	SIS15 IoT advancing Automated Mobility and Smart Cities for improved Quality of Life	NS0 Cross border mobility solutions: towards a seamless future by the ITS Nationals		
SIS19 The Next Traffic Management with Open Big Data to Automated Driving Era	TS12 Realising MaaS	TS13 Traffic flow and data	SIS20 Improved Situational Awareness to Drive Improved Operations	TS14 Public Private Cooperation	SIS21 How to build a roaming ecosystem for MaaS?	SIS22 Carefree paying for mobility in 2018	NS1 The technical platform for seamless traveling	C40 Opening Masterclass: Healthy & Liveable Cities – experience from leading cities	
SIS26 Intelligent Operations Models for Mobility-as-a-Service	TS17 Data and public transport	TS18 Road safety measures and applications	SIS27 The value chains of (interactive) traffic management	TS19 Use of tolling in network operations	SP01 Environmental studies	SIS63 Accessing Travel and Traffic Data in the EU	NS2 Global standardized real-time maritime information sharing – why now?	Workshop: Connected, cooperative and sustainable – how cities can accelerate cycling through intelligent mobility solutions	CP1 Urban living services 1
SIS30 Predictive Analytics for Intelligent Mobility	TS23 Seamless travel	SIS31 5G with Satellite – Delivering Resilience and Reach	SIS32 Advanced technologies for operation and maintenance of ITS Facilities	SIS33 Using Big Data to Reduce Congestion & Prioritise Government Spending	SP02 Users' needs and social factors 1	Workshop: Transforming Freight Movement through ITS	NS3 How can Self-Driving Feeder Services improve Public Transport?	Start-up prize	Sund & Bælt commercial presentation
SIS39 Mobility as a Service – new business and service approaches	TS24 Living Labs and Human factors	TS25 Positioning and fleet management	SIS40 Cooperative ITS services: moving from cross-border interoperability to market roll-out	TS26 Traffic demand strategies	SP03 Users' needs and social factors 2		NS4 Automation and safety – sea, road and railway	SIS41 5 smart city European initiatives you want to meet: opportunities for cities-industry	Space-driven innovation for smarter, greener and safer roads
SIS45 Challenges on testing and validation of automated driving	TS29 ITS for ageing population	TS30 Charging and fleet management	SIS46 Using analytics to drive better decisions and improve transportation service delivery	TS31 Improving intersection management	SP04 Safety 1	WS EU and Global opportunities for financing ITS	NS5 CaaS – Corridor as a Service	SIS47 Future of Mobility: The questions we are afraid to ask!	TELEGRA commercial presentation
SIS50 Sharing data for traffic information between road authorities and service providers	TS35 MaaS planning & policy	SIS51 Autonomous Freight Vehicles: Benefits, Risks and Governance	TS36 Network security	TS37 Cross-border solutions	SP05 Safety 2	SIS52 Implementing MaaS pilots in Europe: state of the art and expected impacts	NS6 Travellers Needs in Focus: Traffic Information in a United Voice	Workshop: how cities use cycling and ITS to develop a sustainable and smart transport system	CP2 Data services
SIS56 Preparing next generation mobility	TS40 Behavioural factors 1	SIS57 Modelling the impact of Smart Mobility with traffic and transport simulation models	TS41 Motorway operations	TS42 Network management policies	SP06 Security, testing and resilience	SIS58 Secure and precise positioning: a key to success for autonomous driving	NS7 ITS deployment corridors		

Session types: **PL:** Plenary Session **ES:** Executive Session **SIS:** Special Interest Session **TS:** Technical Session **SP:** Scientific Session **CP:** Commercial Paper Session **NS:** Nordic Stream

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Thursday 20 September							
09.00 – 10.30	ES09 Delivering effective CCAM	Workshop: ITS Security and Safety Issues for Automated Vehicles & MaaS 8.30 – 11.00	SIS59 Road authorities and operators and connected, cooperative transport	TS43 Traffic management and connected infrastructure 2	SIS60 Cybersecurity for Public-Facing ITS Systems	TS44 Testing and Simulations	SIS67 Enabling electromobility services interoperability and enhanced performance of electric vehicles
Coffee Break							
11.00 – 12.30	ES10 The real impacts of CCAM	Part 1: TM 2.0 and Public Authorities as Service Providers in Traffic Management	SIS65 Data in autonomous driving: different strategies to data compatibility	TS49 Mixed traffic and transitions	SIS66 Open Auto Drive Forum: A New Cooperation Approach for Automated Driving Ecosystem	TS50 Security	TS45 Vehicle detection and network efficiency
Lunch (12.30 – 13.30)							
13.30 – 15.00	ES11 Enhancing the cybersecurity & resilience of transport infrastructure	Part 2: TM 2.0 and hybrid infrastructure as enablers for MaaS in the context of automated transport		TS55 Impact evaluation	SIS72 Taking automated driving to the next level: solving challenging environmental conditions	TS56 Traffic Control and Data	SIS73 Connected Vehicle Certification – Today, Tomorrow and Beyond
Coffee Break							
15.30 – 17.00	ES12 Upping the game in safety		SIS76 Investigating the emerging employment opportunities created by future transport technology	TS62 Modelling and simulation	SIS77 Automated vehicle data sharing enabled by Feature Extraction and Anonymisation	TS63 Alertness in automated vehicles	SIS78 Deploying Connected ITS in small cities
Coffee Break							
17.15 – 18.45			SIS84 Highway chauffeur and high density truck platooning in real environment	TS66 Traffic management and connected infrastructure 3	SIS85 Integrating Technology, Data, People and Training for Successful Traffic Incident Management	TS67 Data and ITS	TS68 CAV Testbeds 1
Friday 21 September							
09.00 – 10.30			SIS90 Deploying C-ITS services and Learning from evaluations	TS72 Traffic management and connected infrastructure 4	TS73 Testing new approaches 2	TS74 Automated decision making	TS75 CAV Testbeds 2
Coffee Break							
11.00 – 13.00	Auditorium Hamburg						
	PL3 What's next for automated mobility? + Conclusions + Closing Ceremony						
Lunch (13.00 – 14.00)							

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SIS61 Making Work Zones Smarter	TS46 Behavioural factors 2	TS47 Using technology to deliver goods	SIS62 Traffic IOT sensing by various manners	TS48 Travel time estimation	SP07 Data and information	SIS92 The Digital Transport and Logistics Forum (DTLF): headway towards digitised and connected supply chains	NS8 Arctic Snowhow and the Automatization of Transport System		
TS51 Mobility on demand	TS52 Enhancing safety 1	TS53 Improving freight flows – logistics and innovation	SIS68 ITS and Cognitive Technologies: Exploiting Artificial Intelligence and Machine Learning	TS54 Traffic flow control	SP08 Network management	SIS69 Systemic impacts from infrastructure-based management of connected and automated driving	NS9 5G /G5 opportunities and telecom connections with C-ITS	SIS70 Ports of the future towards automation	ITS WC Singapore 2019 promotion
TS57 ITS and mobility	TS58 Enhancing safety 2	TS59 Improving freight flows – logistics and smart data	TS60 Road management operations 1	TS61 Traffic Safety	SP09 Simulation and modelling	SIS74 European Cooperative, Connected and Automated Mobility (CCAM)	NS10 Open Ecosystem for Mobility as a Service	SIS75 Dragon's Den for MaaS – The future of public transport	CP3 Network management services
SIS79 ITS for Shipping, Ports and logistics and ensuring a network data exchange : Part I	TS64 Enhancing safety 3	SIS80 Across the Pavement – smart freight delivery for the last metres	SIS81 Impacts of AVs on Pavement	TS65 Road management operations 2	SP10 Commercial vehicles and freight solutions	SIS82 Large scale deployment of C-ITS: Challenges and ways forward	NS11 Better mobility with Public Transport	SIS83 ITS decision-making in the round	
SIS86 ITS for Shipping, Ports and logistics and ensuring a network data exchange : Part II	TS69 City scale & ITS planning	SIS87 User friendly road infrastructure matched to multiple road users utilizing drive recorder	TS70 Data driven traffic management 1	TS71 Modelling and effective traffic management 1	SP11 Deep learning	SIS88 C-ITS Deployment becoming reality in Europe by 2019	N12 Nordic test areas and demonstration sites	SIS89 Discussing the impact of automated driving: a serious game	
TS76 Smart Parking	Smarter Mobility for Connected Two-Wheelers Safety		TS77 Data driven traffic management 2	TS78 Modelling and effective traffic management 2	TS79 ITS for cycling		NS13 MaaS in real life – The delegate app?	Research That Defines The Future of Mobility	CP4 Urban living services 2

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