

Congress Topics

The latest technologies, the most innovative solutions for cities and citizens, the third mobility dimension, the integration of different forms of transport into a single, on-demand service: this and much more will be discussed by experts from around the world. The Congress is organised under the six topics listed below:

1. AUTOMATED, COOPERATIVE AND CONNECTED MOBILITY

Improvements to artificial intelligence, sensors, data processing, mapping and location technologies have catalysed the development of highly automated and highly connected vehicles.

2. MOBILITY ON DEMAND (MOD), MOBILITY AS A SERVICE (MAAS)

Traditional mobility is a mix of low utilisation private vehicle ownership and open access public transport. MaaS and MOD use a platform and personalised user interfaces to provide multimodal 'mobility' for all users with savings and productivity gains.

3. GOODS JOURNEY FROM PORTS TO CUSTOMERS

The technologies underpinning automated and connected driving offer substantial gains for goods delivery. Paperwork can be reduced while fleet utilisation and load tracking can both be improved.

Congress Format

PLENARY SESSIONS

All attendees are welcome to join the Opening and Closing Ceremonies and the Plenary Sessions which are dedicated to key ITS issues and which will be addressed by major personalities.

EXECUTIVE SESSIONS

In these sessions high-level industry executives, public officials and academia from around the world will share their experiences and give their views on ITS achievements as well as comments on today's issues and challenges.

BUSINESS PRESENTATION SESSIONS

Business Presentations are designed to report on an activity aimed at generating or improving a specific product, device or idea that is either on the market or very close to deployment.

4. INTELLIGENT INFRASTRUCTURE

The digitising of physical infrastructure enables smarter mobility for all with associated gains from more efficient asset maintenance and management. But how do we share data from these systems while retaining high levels of privacy, reliability and data security?

5. NEW SERVICES FROM NEW TECHNOLOGIES

What are the benefits for end-users from developments with established technologies and completely new solutions for example fuel cells, on-vehicle sensors, blockchain and drones?

6. SOLUTIONS FOR CITIES AND CITIZENS

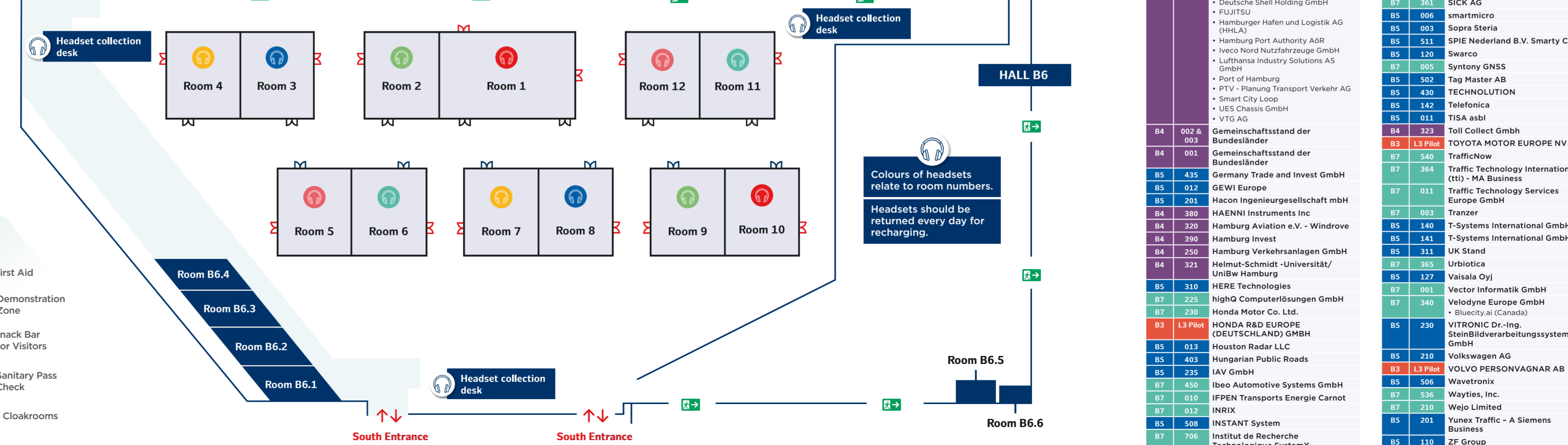
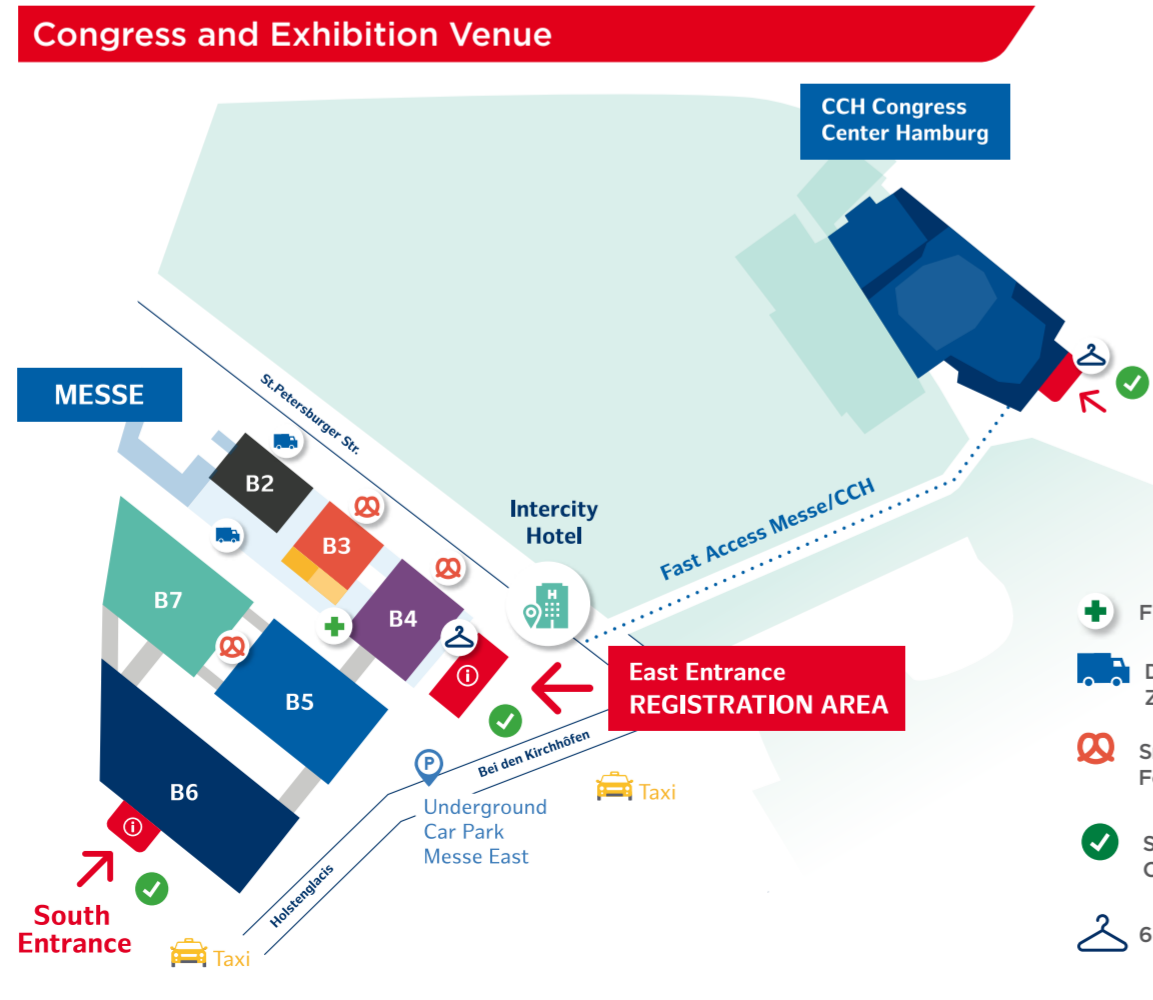
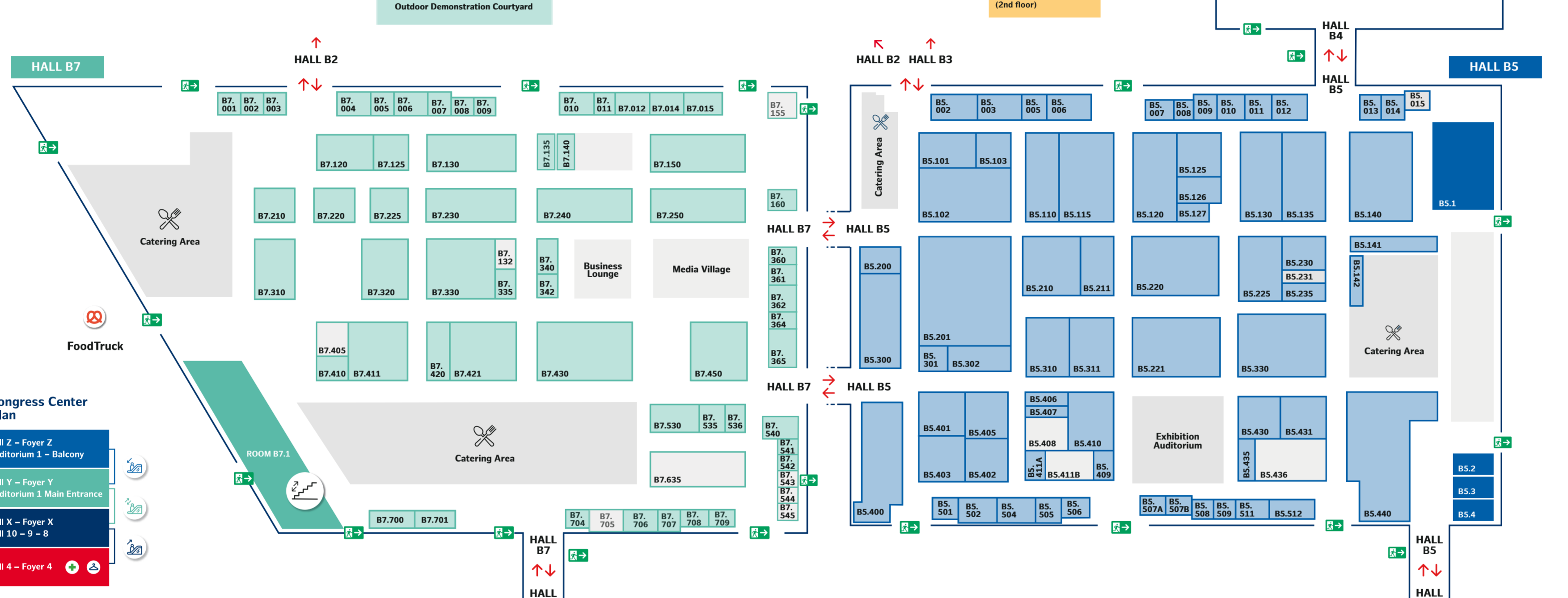
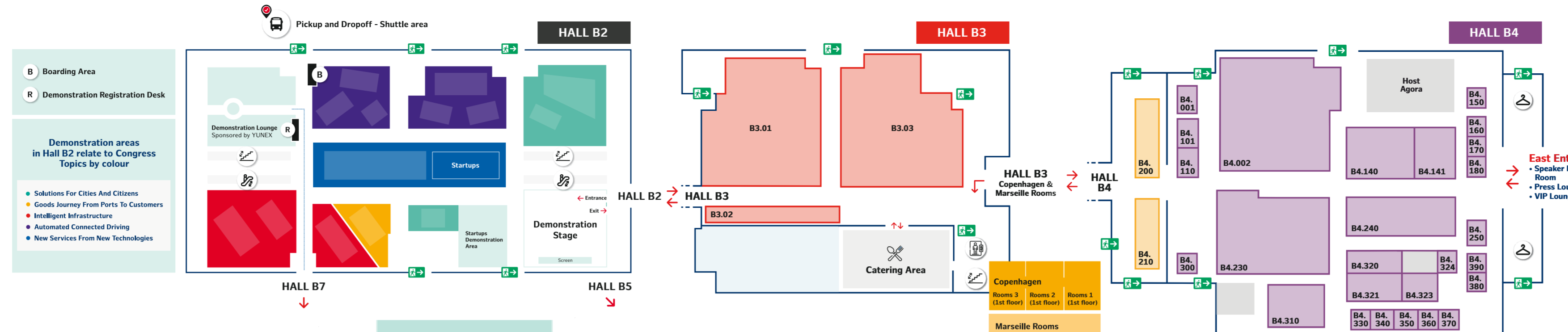
The demand for urban space is intense - passenger and freight vehicles, active modes such as walking & cycling, and also parking all compete for a limited resource. Connectivity brings new data but can it reduce travel time?

SPECIAL INTEREST SESSIONS

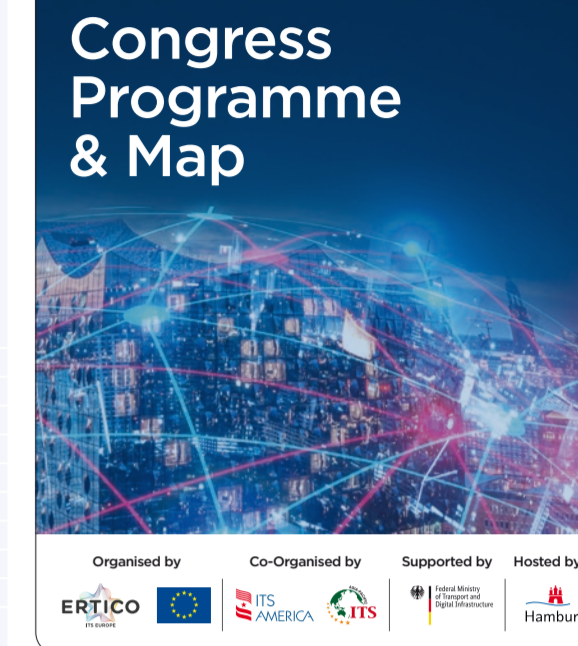
SIIs are organised and managed by groups of international experts developing and deploying ITS. These tailor-made sessions provide an opportunity to focus on specific topics of interest with a mix of presentations and interactive discussion.

TECHNICAL / RESEARCH PAPER SESSIONS

These sessions are facilitated by a moderator and comprise the presentation of papers by international experts on a variety of topics encompassing practical, economic, technological, organisational and societal aspects of ITS.



Hall #	Booth #	Exhibitors/Company Name	Hall #	Booth #	Exhibitors/Company Name
B5	512	3D Mapping Solutions	B5	010	Intercomp Company
B5	504	HORIBA Europe GmbH	B4	150	International Road Dynamics
B7	704	ADEC Technologies AG	B5	507B	Intertraffic World Wide Events
B7	411A	Algelux	B5	431	ITS America
B7	410	Applius IDIADA Group	B5	400	ITS Asia-Pacific
B3	L3 Pilot	APTV Services Deutschland GmbH	B7	310	ITS Deutschland
B3	L3 Pilot	Audi AG	B4	240	ITS Asia-Pacific
B5	125	AustriaTech GmbH / ITS Austria	B7	125	ITS France
B5	014	Autocrypt Co. Ltd.	B7	130	ITS France
B7	009	Avanti R&D, Inc.	B7	150	ITS Japan
B5	402	AVT Stoye GmbH	B7	250	ITS Japan
B3	L3 Pilot	Bayerische Motoren Werke Aktiengesellschaft - BMW Group	B7	430	ITS Korea
B4	310	Behörde für Wissenschaft, Forschung, Gleichstellung und Bezirke	B7	320	ITS Taiwan
B4	300	BUKEA Hamburg	B4	330	ITS Young Mobility Community
B4	141	Bundesministerium für Verkehr und digitale Infrastruktur (BMVI)	B4	340	ITS Young Mobility Community
B5	565	Catalonia Trade & Investment	B4	350	ITS Young Mobility Community
B7	004	Centro Ricerche Fiat SpA	B7	007	IT-TRANS 2022 Conference & Exhibition
B3	L3 Pilot	CEPTON Technologies Inc.	B4	110	Jenoptik Robot GmbH
B5	407	City of Hamburg - Ministry of Transport and Mobility Transition	B5	405	Kapsch Trafficom
B7	125	Cityway Deutschland	B7	002	Kistler Instrumente GmbH
B5	160	Continental Teves AG & Co. oHG	B7	360	Langmatz GmbH
B7	014	Cross Zlin	B5	008	Marben Products
B7	335	CS Marketing & Sales Solutions	B4	101	Mittelstand 4.0-Kompetenzzentrum
B5	301	Cubic Transportation Systems Ltd	B5	200	Mobilitye Germany GmbH, An Intel Company
B7	411	DBS	B5	211	MOIA GmbH
B5	102	Deutsche Bahn	B5	103	Monotch
B5	220	Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR)	B4	322A	Nira Dynamics
B5	406	d-line GmbH	B5	221	Nordic+
B5	440	Die Autobahn GmbH des Bundes	B7	709	NovAtel
B3	EG03	Digital Hub Logistics GmbH	B5	302	NXP Semiconductors Germany GmbH
B5	007	DKT Deutsche Kennzeichen Technik GmbH	B4	170	ET Urban Mobility
B5	101	Dynnic Mobility	B4	180	ET Urban Mobility
B5	225	EDAG Engineering GmbH	B5	135	ERTICO - ITS Europe
B5	005	EFKON GmbH	B5	009	Esri (Environmental Systems Research Institute, Inc.)
B3	L3 Pilot	EICT	B5	130	European Commission
B4	170	EIT Urban Mobility	B3	L3 Pilot	FEV Europe GmbH
B4	180	ET Urban Mobility	B5	225	FORD-WERKE GMBH
B5	135	ERTICO - ITS Europe	B5	401	FLIR Systems, Inc
B5	009	Esri (Environmental Systems Research Institute, Inc.)	B3	L3 Pilot	FOUR PARX GMBH
B7	530	Esri (Environmental Systems Research Institute, Inc.)	B7	421	Four Parx GmbH
B5	130	European Commission	B7	330	Fraunhofer-Gesellschaft
B3	L3 Pilot	FEV Europe GmbH	B4	360	Freie und Hansestadt Hamburg, Behörde für Stadtentwicklung und Wohnen
B5	225	FORD-WERKE GMBH	B4	370	Freie und Hansestadt Hamburg, Behörde für Stadtentwicklung und Wohnen
B5	401	FLIR Systems, Inc	B4	230	Gateway Hamburg by Logistics-Initiative Hamburg
B3	L3 Pilot	FOUR PARX GMBH	B7	420	Gateway Hamburg by Logistics-Initiative Hamburg
B7	421	Four Parx GmbH	B5	435	Germany Trade and Invest GmbH
B7	330	Fraunhofer-Gesellschaft	B5	022	GEW Europe
B4	360	Freie und Hansestadt Hamburg, Behörde für Stadtentwicklung und Wohnen	B5	281	Hacon Ingenieurgesellschaft mbH
B5	509	PSS	B4	380	HAENNI Instruments GmbH
B5	300	Qualcomm	B4	320	Hamburg Aviation e.V. - Windrove Hamburg Invest
B3	L3 Pilot	Rheinisch-Westfälische Technische Hochschule Aachen	B4	390	Hamburg Invest
B5	115	Robert Bosch GmbH	B4	250	Hamburg Verkehrsanlagen GmbH
B4	324	Schmidt & Bachmann Fare Collection Systems GmbH	B4	321	Helmut-Schmidt - Universität/ UniBw Hamburg
B7	008	Sensebit AB	B5	310	HERE Technologies
B5	330	Shell	B7	225	higho Computerlösungen GmbH
B7	361	SICK AG	B7	230	Honda Motor Co. Ltd.
B5	096	smartmicro	B3	L3 Pilot	HONDA R&D EUROPE (DEUTSCHLAND) GMBH
B5	003	Sopra Steria	B5	013	Houston Radar LLC
B5	511	SPiE Nederland B.V. Smarty City	B5	235	I&V GmbH
B5	120	Swarco	B7	450	Ibeo Automotive Systems GmbH
B7	005	Syntony GNSS	B7	010	IPFEN Transports Energie Carnot
B5	502	Tag Master AB	B7	012	INRIX
B5	430	TECHNOLUTION	B5	508	INSTANT System
B5	142	Telefonica	B7	706	Institut de Recherche Technologique SystemX
B5	011	TISA asbl	B7	004	Intelligent Infrastructure
B4	323	Toil Collect GmbH	B7	005	Intelligent Infrastructure
B3	L3 Pilot	TOYOTA MOTOR EUROPE NV	B7	006	Intelligent Infrastructure
B7	540	TrafficNow	B7	007	Intelligent Infrastructure
B7	364	Traffic Technology International (tti) - MA Business	B7	008	Intelligent Infrastructure
B7	011	Traffic Technology Services Europe GmbH	B7	009	Intelligent Infrastructure
B7	003	Tranzor	B7	010	Intelligent Infrastructure
B5	140	T-Systems International GmbH	B7	011	Intelligent Infrastructure
B5	141	T-Systems International GmbH	B7	012	Intelligent Infrastructure
B5	311	UK Stand	B7	013	Intelligent Infrastructure
B7	365	Ubilotica	B7	014	Intelligent Infrastructure
B5	127	Vaisala Oyj	B7	015	Intelligent Infrastructure
B7	001	Vector Informatik GmbH	B7	016	Intelligent Infrastructure
B7	340	Velodyne Europe GmbH	B7	017	Intelligent Infrastructure
B5	431	Velodyne Europe GmbH	B7	018	Intelligent Infrastructure
B5	201	Wayles, Inc.	B7	019	Intelligent Infrastructure
B7	210	Wejo Limited	B7	020	Intelligent Infrastructure
B5	201	Wayles, Inc.	B7	021	Intelligent Infrastructure
B5	110	ZF Group	B7	022	Intelligent Infrastructure



ERTICO - ITS Europe, the Free and Hanseatic City of Hamburg and the German Federal Ministry of Transport and Digital Infrastructure are hosting the 27th ITS World Congress from 11 to 15 October 2021 at the Hamburg Messe and Congress Center. Under the theme Experience Future Mobility Now the Congress will display the host city's latest achievements in the field of intelligent mobility services and link to the city's changing mobility vision and strategy. In addition to the engaging conference programme and the large indoor exhibition area, the streets of Hamburg will be available for the display of innovative ITS demonstration projects.

ITS brings a piece of the future to current times so we can experience what smarter, cleaner and faster mobility looks like. Come and explore it with us!



The future of mobility is now, with new developments to experience, apply and understand. In Hamburg, an international trade hub and model region for intelligent transport and logistics, numerous innovative projects already demonstrate what the future holds.

Autonomous driving, shared and multimodal transport and the use of unmanned aerial vehicles in logistics and mobility are just a few of the fast evolving transport trends that will be discussed at the 2021 Congress.

The Congress will be an excellent opportunity to exchange knowledge and good practice with other experts from the ITS community, and to enlarge your personal network within the industry. And we also have a wide-ranging social programme which will invite you to discover this vibrant German city.

Join the ITS conversation
#ITSHamburg2021
#TalkingITS
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	Monday 11 October							Tuesday 12 October							Wednesday 13 October							Thursday 14 October							Friday 15 October																																																																															
	9H	10H30	11H	12H30	14H	15H30	17H45	7H15	9H	10H30	11H	12H30	14H	15H30	16H	17H	17H15	18H15	7H30	9H	10H30	11H	12H30	14H	15H30	16H00	17H00	17H15	18H15	0H00	9H	10H30	11H	12H30	14H	15H30	16H	17H	17H15	18H15	9H	10H30	11H30	12H30	13H	19H																																																														
HIGH LEVEL PROGRAMME	MAAS SUMMIT 9h-11h MESSE B6 - Room 1 (By invitation only) MAAS FORUM 11h30-12h MESSE B6 - Room 1 Mobility for everyone, everywhere FORUM 1 12h-12h30 CCH - Room X2 Everybody on the bus! ERTICO MOONSHOT 1 13h-14h CCH - Room X1 16H-17H45 CCH - HALL 1 OPENING CEREMONY 17H45-19H30 MESSE EXHIBITION HALLS WELCOME RECEPTION							PLENARY 1 CCH - Hall Z Ensuring sustainable mobility FORUM 2 CCH - Room X3 Urban mobility challenges in emerging Asia-Pacific mega-cities EXECUTIVE 01 MESSE B6 - Room 1 Where are all the CAVs? ITS SUMMIT 12h-16h00 CCH - Room X9&10 (by invitation only) ERTICO MOONSHOT 2 CCH - Room X3 16:00-18:00 EXECUTIVE 02 MESSE B6 - Room 1 Future Mobility, Future City EXECUTIVE 03 16h-17h30 MESSE B6 - Room 1 Digital evolution or digital revolution?							PLENARY 2 CCH - Hall Z Delivering safe, efficient and integrated solutions FORUM 3 CCH - Room X9 Green lights for Green Deals LUNCH GLOBAL FREIGHT & PORTS FORUM 14h-17h CCH - Room X2 From the factory to your front door PATHWAYS TO FUTURE MOBILITY 13h15-16h30 CCH - Hall Z Solutions and Perspectives The results of the German National Platform on the Future of Mobility 2018-21 19H30-00H00 SURPRISE LOCATIONS ITS DINNER							PLENARY 3 CCH - Hall Z Navigating the digital marketplace EXECUTIVE 04 CCH - Room X9 Smart traffic management: removing the roadblocks EXECUTIVE 05 Implementation of Intelligent Transport Systems EXECUTIVE 06 Achieving traffic safety: "herd immunity" with vaccinated AVs							11H30-12H30 CCH - HALL Z CLOSING CEREMONY																																																																															
SPONSORED EVENT	ERTICO PRESENTS CCH - Room X2 MMH-X Intersection of curbside/sidewalk and mobility management ERTICO PRESENTS CCH - Room X2 Building the ecosystem: worldwide coordination efforts to support the development and deployment of CCAM 16H-17H45 CCH - HALL 1 OPENING CEREMONY 17H45-19H30 MESSE EXHIBITION HALLS WELCOME RECEPTION							TM 2.0 MESSE B3 Copenhagen 3 General Assembly BREAKFAST VOLKSWAGEN 7h30-9h Messe B3 Copenhagen 1 BREAKFAST GOOGLE 8h-9h Messe B3 Copenhagen 2 ERTICO ACADEMY 1 CCH - Room X1 ERTICO PRESENTS CCH - Room X1 Mobility out of the Box: Climate Change - how much do we care? VOLOCOPTER 11h-12h MESSE B3 Copenhagen 1 SHOW PRE-HACKATHON 16h-19h CCH - Room X10 URBAN AIR MOBILITY FORUM 8h30-12h CCH - Room X2 5G LOGIHHOV MESSE B3 - Copenhagen 1 General Assembly LUNCH DEUTSCHE BAHN Messe B3 Copenhagen 3							WORKSHOP DEUTSCHE BAHN 11h-12h CCH - Room X1 LUNCH VOLKSWAGEN Messe B3 Copenhagen 1 ERTICO PRESENTS 14h-17h30 CCH - Room X9 Connecting to future mobility 19h30-19h - Coffee break in Foyer WORKSHOP SIEMENS 14H-15H30 CCH - Room X10 ASSOCIATED EVENTS 14H30-16h HALL X9 Maas Alliance Working group on Architecture and Technology EVENT 5GAA 9h-12h30 CCH - Room X10 L3 PILOT MESSE B6 - Room 1 L3 PILOT MESSE B6 - Room 1 L3 PILOT MESSE B6 - Room 1 L3 PILOT MESSE B6 - Room 1 L3 PILOT MESSE B6 - Room 1 ASSOCIATED EVENTS 16h30-18h CCH - Room X3 The mobility stakeholder group of the northern cities of Germany, aiming to implement Maas on the coming year							ERTICO ACADEMY 2 11h-12h30 CCH - Room X1 ERTICO TRAFFIC MANAGEMENT WORKSHOPS 1 14h-15h CCH - Room X1 Data Exchange and business models for network management ERTICO TRAFFIC MANAGEMENT WORKSHOPS 2 15h15-16h15 CCH - Room X1 Micro-mobility and Traffic Management ERTICO TRAFFIC MANAGEMENT WORKSHOPS 3 16h30-17h30 CCH - Room X1 Micromobility and Traffic Management ERTICO PRESENTS CCH - Room X2 Autonomous Vehicle & Platooning - what next? BREAKFAST MOBILEYE 8h-9h MESSE B3 - Copenhagen 3 VOLKSWAGEN - PM WORKSHOP 14h-17h30 MESSE B3 - Copenhagen 1 WORKSHOP HERE 14h15-15h45 MESSE B3 - Copenhagen 1 L3 PILOT MESSE B6 - Room 1 L3 PILOT MESSE B6 - Room 1 L3 PILOT MESSE B6 - Room 1 L3 PILOT MESSE B6 - Room 1 L3 PILOT MESSE B6 - Room 1 ASSOCIATED EVENTS 16h30-18h CCH - Room X3 The mobility stakeholder group of the northern cities of Germany, aiming to implement Maas on the coming year							11H30-12H30 CCH - HALL Z CLOSING CEREMONY																																																																															
INDUSTRY AND PARTNERS PROGRAMME	10H-14H CCH - ROOM X10 16H-17H45 CCH - HALL 1 OPENING CEREMONY 17H45-19H30 MESSE EXHIBITION HALLS WELCOME RECEPTION							8H30-19H00 MESSE HALL B2 START-UP PROGRAMME							8H30-19H00 MESSE HALL B2 START-UP PROGRAMME							8H30-19H00 MESSE HALL B2 START-UP PROGRAMME							11H30-12H30 CCH - HALL Z CLOSING CEREMONY																																																																															
TECHNICAL PROGRAMME	SIS 1 B6 - Room 11 On-demand meets autonomous: taking DRT solutions to the next level SIS 2 B6 - Room 12 CCAM for ships and ports - making world trade safer and more sustainable RP 1 B6 - Room 10 Enabling operational and efficiency gains TP 1 B6 - Room 2 Trials of autonomous and connected driving SIS 3 B6 - Room 3 Integration of VRU services into C-ITS: experiences from cities SIS 4 B6 - Room 4 Integrating autonomous vehicles in urban public transport systems RP 2 B6 - Room 5 User behaviour and HMI SIS 90 B6 - Room 6 Integration of Urban Air Mobility into cooperative Intelligent Transport Systems SIS 5 B6 - Room 7 Automated driving system for universal service RP 3 B6 - Room 8 Autonomous public transport SIS 6 B6 - Room 9 Data abundance - how can transport agencies better operationalise new sources?							SIS 7 B6 - Room 11 KI Familiar: A large-scale collaboration in Artificial Intelligence for autonomous driving SIS 8 B6 - Room 12 What's next - autonomous ships in the future of urban water mobility RP 4 B6 - Room 10 Enabling safety and efficiency gains SIS 9 B6 - Room 2 Bicycles on the move SIS 10 B6 - Room 3 Testing of highly-automated driving systems SIS 11 B6 - Room 4 Incorporation of OEMs into connected vehicle deployment SIS 12 B6 - Room 5 Connected vehicles: opportunities and challenges SIS 21 B6 - Room 7 How does CCAM improve vulnerable road user life at intelligent urban intersections? SIS 22 B6 - Room 7 USA progress towards autonomous driving in cities SIS 23 B6 - Room 8 Autonomous vehicles: obstacles when passing from experiment to public transport service TP 3 B6 - Room 9 Sharing and using data and information							SIS 24 B6 - Room 11 The next steps for shared automated public transport - an authority perspective SIS 25 B6 - Room 12 Drones above Seaports - impact, benefits and the future of urban air mobility SIS 26 B6 - Room 10 Intelligent Supply Chains need sustainable solutions SIS 27 B6 - Room 2 Proactive safety - solutions for a highly automated and mixed traffic environment SIS 28 B6 - Room 3 Managing road traffic in cases of large-scale emergencies SIS 29 B6 - Room 4 Automated public transport: a change maker for sustainable mobility in rural areas? SIS 30 B6 - Room 5 Connected automated driving based on roadside sensing and mobile edge computing SIS 31 B6 - Room 7 How we overcome challenges to deploy sustainable L4 driverless mobility services TP 4 B6 - Room 8 Bringing the bits together: what else is needed? SIS 32 B6 - Room 9 Current status of V2X in Europe and the United States							SIS 106 CCH - Room X1 Is there a sustainable Business Model for Maas? SIS 104 CCH - Room X3 Impact of automation and intelligent infrastructure on the mobility data space SIS 33 B6 - Room 11 It's not just the technology, stupid! What's really important for automated mobility SIS 97 B6 - Room 12 Sustainable Urban Mobility Planning TP 5 B6 - Room 10 C-ITS services as a game changer SIS 35 B6 - Room 2 Roadworks in traffic management SIS 36 B6 - Room 3 Yes, we share! Advancing Maas and harnessing the power of data SIS 37 B6 - Room 4 Efficient communication networks for road and rail corridors TP 6 B6 - Room 5 Cross cutting and supporting technologies SIS 94 B6 - Room 6 Intelligent systems to help drivers and road authorities reduce pollutant emissions: Beyond eco-driving SIS 38 B6 - Room 7 Connected & Automated Driving research cooperation between Europe and Japan SIS 39 B6 - Room 8 Next Generation Traffic Incident Management for Future Safety and Mobility SIS 40 B6 - Room 9 Close the gap: on-demand mobility systems							TP 7 B6 - Room 11 Innovative applications for congestion management and smart cities TP 8 B6 - Room 2 Improving mobility and safety through ITS TP 9 B6 - Room 10 System engineering and architecture TP 10 B6 - Room 2 Using data for better information services TP 11 B6 - Room 3 Deploying connected mobility services TP 12 B6 - Room 4 V2X communication technologies TP 13 B6 - Room 5 Collective learning: joint lessons from trials RP 5 B6 - Room 6 Cross-cutting research TP 14 B6 - Room 7 Getting ready for autonomous driving TP 15 B6 - Room 8 C-ITS services in Europe TP 16 B6 - Room 9 Improving road safety							SIS 105 17h30-18h30 Continuous automated driving: large-scale trials on public roads and defragmented ODDs TP 17 B6 - Room 11 ITS minimising environmental impact TP 18 B6 - Room 12 Traffic and information management TP 19 B6 - Room 10 Demonstrating impact and ethical issues? SIS 44 B6 - Room 2 Using AI to improve traffic detection SIS 45 B6 - Room 3 How to build successful Maas platforms for Europe - Challenges, Strategies and Opportunities SIS 46 B6 - Room 4 Bringing Maas to the Masses SIS 95 B6 - Room 5 e-Mobility as a service SIS 48 B6 - Room 6 Maas in the 15-Minute City SIS 49 B6 - Room 7 Open standards enabling a traveller-focused affordable Maas ecosystem encompassing diverse business models SIS 50 B6 - Room 9 Leveraging incentives, access, and insights on the true cost of travel							SIS 41 B6 - Room 11 Data for road safety SIS 42 B6 - Room 12 IoT driven digital infrastructure for next generation mobility SIS 43 B6 - Room 10 The changing role of humans: regulation in the world of automated vehicles SIS 44 B6 - Room 2 Using AI to improve traffic detection SIS 45 B6 - Room 3 How to build successful Maas platforms for Europe - Challenges, Strategies and Opportunities SIS 46 B6 - Room 4 Bringing Maas to the Masses SIS 95 B6 - Room 5 e-Mobility as a service SIS 48 B6 - Room 6 Maas in the 15-Minute City SIS 49 B6 - Room 7 Open standards enabling a traveller-focused affordable Maas ecosystem encompassing diverse business models SIS 50 B6 - Room 9 Leveraging incentives, access, and insights on the true cost of travel							SIS 51 B6 - Room 11 SG with Satellite - enabling future mobility through resilience and reach SIS 52 B6 - Room 12 Cybersecurity challenges and implications in ITS SIS 53 B6 - Room 10 Internationally harmonised testing procedures for the approval of automated driving systems SIS 54 B6 - Room 2 Using AI to improve traffic detection SIS 55 B6 - Room 3 ITS enablers for shared and micromobility BP 7 B6 - Room 3 Pooling, sharing and demand-responsive services 1 SIS 57 B6 - Room 5 Maas in Developing Countries SIS 58 B6 - Room 6 CAD, Safe Platooning and SG e-Systems for verticals SIS 59 B6 - Room 7 Technology-enabled mobility services driving standards harmonisation: Where are we? SIS 60 B6 - Room 9 Going further with ITS: connected cycling demonstrates opportunities in new EU policies							TP 27 B6 - Room 11 Data's role in advanced mobility management TP 28 B6 - Room 12 Management strategies for sustainable transport TP 29 B6 - Room 10 Infrastructure solutions in connected and automated mobility TP 30 B6 - Room 2 ITS enablers for shared and micromobility BP 7 B6 - Room 3 Pooling, sharing and demand-responsive services 1 TP 31 B6 - Room 4 Citizen engagement in mobility policy TP 32 B6 - Room 5 Maritime ITS Solutions SIS 107 B6 - Room 6 Hamburg team concluding discussions TP 33 B6 - Room 7 Progress with Maas and MoD standards SIS 103 B6 - Room 8 3D Mobility Management RP 10 B6 - Room 9 Change acceptance and user behaviour							TP 35 B6 - Room 12 Influencing traveller behaviour TP 36 B6 - Room 12 Advanced sensor and monitoring technology TP 37 B6 - Room 2 Travellers' response to information sharing TP 38 B6 - Room 3 Pooling, sharing and demand-responsive services 2 TP 39 B6 - Room 4 Mobility on Demand using automated vehicles TP 40 B6 - Room 5 On-Time Logistics TP 42 B6 - Room 7 ITS minimising climate change impacts TP 43 B6 - Room 8 Infrastructure supporting automated driving RP 10 B6 - Room 9 Change acceptance and user behaviour							SIS 98 B6 - Room 11 Infrastructure support information for extending Operational Design Domains - how to get there? SIS 61 B6 - Room 12 Detecting and managing stopped vehicles on live highways SIS 62 B6 - Room 10 Diverse, Accessible, Equitable and Inclusive Technology-Enabled Mobility SIS 63 B6 - Room 2 The age of 5G - enabling future mobility SIS 78 B6 - Room 3 The smart mobility revolution: solutions for cities and citizens SIS 64 B6 - Room 4 Using connected vehicle data to counter the pandemic 1 SIS 65 B6 - Room 5 An integrated view on urban planning and operations - strategies for sustainable mobility services SIS 66 B6 - Room 6 AI for inclusive Mobility SIS 67 B6 - Room 7 Urban Air Mobility - from research to commercial operation SIS 68 B6 - Room 8 Connecting the dots: the latest ITS standards ecosystem							SIS 99 B6 - Room 11 Ubiquitous 5G deployment for C-ITS: observations and lessons learnt SIS 70 B6 - Room 12 Data - how to use it, secure it and protect it SIS 79 B6 - Room 10 User-friendly, sustainable charging technologies and services SIS 72 B6 - Room 22 New business models as an enabler of a circular economy of mobility SIS 73 B6 - Room 3 The ITS Directive - making connected and automated multimodal mobility a reality SIS 74 B6 - Room 4 Using connected vehicle data to counter the pandemic 2 SIS 75 B6 - Room 5 Equity assessment of new mobility technologies: current status SIS 76 B6 - Room 6 Multi-modal mobility account for low-income travellers SIS 77 B6 - Room 7 Barriers and solutions for scaling drone transportation systems SIS 84 B6 - Room 8 The past, present and future of ITS depends on who is in the industry!							SIS 100 B6 - Room 11 Exploring ways to develop citizen embracement of CCAM RP 11 B6 - Room 10 Managing the supply and the demands TP 44 B6 - Room 2 Smarter traffic management 1 SIS 80 B6 - Room 3 Prospects of 5G-V2X connectivity for sustainable mobility RP 12 B6 - Room 5 Climate goals and citizen engagement SIS 82 B6 - Room 6 The rise of Maas 2.0 - cities taking control of their mobility destiny SIS 81 B6 - Room 7 How to close the gap between City planning and Maas RP 12 B6 - Room 5 Climate goals and citizen engagement SIS 82 B6 - Room 6 The rise of Maas 2.0 - cities taking control of their mobility destiny SIS 84 B6 - Room 8 The past, present and future of ITS depends on who is in the industry!							SIS 101 B6 - Room 11 How does automation affect the transport workforce? An insight into impacts and consequences TP 45 B6 - Room 12 Improving maintenance and operations planning TP 46 B6 - Room 10 Smarter traffic management 2 TP 47 B6 - Room 3 Maas evolution: the state of the practice TP 48 B6 - Room 5 Increasing safety and security of connected and automated vehicles TP 49 B6 - Room 6 Studies supporting freight and logistics TP 50 B6 - Room 7 Using the air space 1 TP 51 B6 - Room 8 Delivering the most from data 1 TP 52 B6 - Room 9 Innovatory connected mobility 1							SIS 102 B6 - Room 11 Route 2030: the present and the future of Cooperative ITS in a digital world RP 14 B6 - Room 12 Sensors, FVD and object detection RP 15 B6 - Room 2 Freight and logistics operations SIS 85 B6 - Room 3 Mitigation of barriers for Maas TP 48 B6 - Room 5 Maximum benefit from messages and alerts TP 49 B6 - Room 6 Freight Transport Management TP 50 B6 - Room 7 Using the air space 2 TP 51 B6 - Room 8 Delivering the most from data 2 TP 52 B6 - Room 9 Innovatory connected mobility 2					TP 51 B6 - Room 11 Transport by air and water ecosystems - requirements and approaches facilitating standards SIS 86 B6 - Room 12 Automated driving ecosystems - requirements and approaches facilitating standards RP 16 B6 - Room 10 Understanding new and emerging systems Bus Pres 12 B6 - Room 2 Support for multimodality SIS 87 B6 - Room 3 Curbside innovations to support the last 50m Bus Pres 13 B6 - Room 4 Managing the streets SIS 88 B6 - Room 5 A future perspective on real-time traffic information Bus Pres 14 B6 - Room 6 Deploying the new systems SIS 89 B6 - Room 7 Drone technologies and cargo services for emerging African markets Bus Pres 15 B6 - Room 8 Getting and using data Bus Pres 16 B6 - Room 9 The next generation solutions				