

Call for Contributions

Submissions close: 11 January 2021



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11-15 October 2021



15,000 visitors



3,500 international delegates

The Hamburg Messe and

Hamburg Congress Center



200 B2B meetings

Messeplatz 1, 20357

Hamburg, Germany



400 exhibitors



30,000 sgm exhibition space



40 media partners



100+ journalists



100+ countries



50 startups



6m+ digital and social media impressions



225,000 visits to the website

Welcome to ITS World Congress in 2021

Welcome to the 27th World Congress on Intelligent Transport Systems (ITS), the world's largest and most prominent event focused on smart mobility and the digitalisation of transportation!

The European Commission is very pleased to support this important event, which will take place in Hamburg, from 11-15 October 2021.

The theme of this Congress, "Experience Future Mobility Now", illustrates the radical role Intelligent Transport Systems, digitalisation, and cooperative, connected and automated mobility can play in responding to key challenges in the mobility and transport sectors: climate change mitigation, resilience, enhancement of safety, and efficiency. Given the maturity of IntelligentTransport Systems, discussions will provide with a holistic perspective of how ITS solutions are enabling easier and healthier mobility options that people can use in their every-day lives.

The Congress constitutes an ideal opportunity for stakeholders to share experiences and develop their knowledge of the latest technology and policy developments in the field in different areas of the world. It is equally a great occasion

to start new partnerships and change mobility together.

Organised by ERTICO, hosted by the Free and Hanseatic City of Hamburg and supported by the Federal Ministry of Transport and Digital Infrastructure, the Congress will display the host city's latest achievements in the field of intelligent mobility services and link to the Hamburg's changing mobility vision and strategy.

The Congress will specifically look at other topical issues and focus on innovative ITS solutions enhancing mobility options, illustrating how ITS can enable us to experience "Future Mobility Now".

We truly hope you will participate and enrich the Congress with your experience, enthusiasm, and knowledge on how to ensure that Intelligent Transport Systems can bring better services, new solutions, and business cases to support European economy.

We look forward to seeing you in Hamburg for exciting exchanges and experience on the future of mobility.

Yours sincerely,



Adina Vălean

MEMBER OF THE EUROPEAN COMMISSION **Transport**



Thierry Breton

MEMBER OF THE EUROPEAN COMMISSION Internal Market



Mariya Gabriel

MEMBER OF THE EUROPEAN COMMISSION Innovation, Research, Culture, Education and Youth





Next year, you will have the unique opportunity to travel into the future. You do not believe me? Just come to Hamburg between 11 and 15 October 2021 and visit the 27th ITS World Congress. ITS stands for IntelligentTransport Systems and that is exactly what this is all about: the enormous potential of intelligent transport systems for organising our mobility in a way that is modern, safe, climate-friendly and, above all, less complicated.

The leitmotif of next year's Congress is: "Experience future mobility now". Experts from all over the world will meet, present projects, exchange experience and together develop ideas on how we will get from A to B in the future, be it in cities or rural areas. This exchange is especially important in these challenging times that we currently live in.

Hamburg is an ideal location for the Congress. Not only is the city home to fascinating test beds and innovative projects, but for years highly creative solutions to transport challenges in the urban space have been developed here, time and again.

I am therefore writing to invite you and encourage you to attend. Come to Hamburg and play an active part by providing an expert contribution to our Congress.

Tell us about your experience of Intelligent Transport Systems and how we can improve life in our cities and regions with the digital transformation of mobility. The more views and know-how we can get, the more we will learn. Let us join forces to make the future. I look forward to meeting you.

Kind regards,



Andreas Scheuer

Federal Minister of Transport and Digital Infrastructure, Germany





It is my great pleasure to welcome you to the ITS World Congress 2021 in Hamburg. Due to the corona pandemic, we are preparing this world's largest ITS industry Congress with the necessary hygiene concepts for a safe and successful event.

Cosmopolitan, vibrant, and eco-minded, our city offers visitors a unique experience. The Free and Hanseatic City of Hamburg is an exciting metropolis, where century-long tradition merges with modern life and innovation.

In the Middle Ages, Hamburg was a founding member of the Hanseatic League of Merchants and since then has always had great economic importance in Europe with a high volume of logistical traffic.

Today, the Port of Hamburg is the largest seaport in Germany and the third largest one in Europe. It has the biggest sea-to-train infrastructure on the continent. In addition, tourism is an important part of the city's economy. Therefore, the efficient transport of goods and people is part of our DNA, and we are ready to invest extensively in intelligent transport systems in the coming years.

Thanks to its special Hanseatic legacy Hamburg has the business vibe and international network to empower innovation in technology and urban development. We are convinced that the future of mobility and sustainable development is of particular importance to us.

If you visit our city, you will find that numerous innovative projects have already been

implemented at various locations in our city. New mobility is just around the corner, with new developments that need to be experienced, applied and understood.

At the ITS World Congress 2021, Hamburg will demonstrate the mobility of the future: autonomous driving in real traffic, intelligent and networked traffic control on road and rail as well as innovative services that make our mobility easier and more comfortable.

I am looking forward to an exciting week with you at the ITS 2021 in Hamburg!



Peter Tschentscher

First Mayor, City of Hamburg, Germany



I am delighted to welcome you to the 27th ITS World Congress 2021. Hamburg looks forward to host the ITS World Congress 2021. Hamburg is the first German city that explicitly claims Mobility Transition as essential urban goal. So you may witness the preparation of the future in all sectors of mobility in the very heart of a beautiful and liveable city.

The ITS World Congress 2021 will show how the latest scientific, technical, industrial, and social developments change mobility in the future. Congress participants will be offered an innovative and comprehensive program, which includes sessions, exhibitions, excursions, and numerous side-events. The streets and squares of the city of Hamburg will be available for the presentation of innovative ITS demonstration projects.

More than 80 ITS projects are going on in Hamburg and its close surroundings. This includes making public transport more attractive and less polluting as well as making cycling more attractive by using ITS solutions. ITS can help us to improve traffic flow and road safety, and to promote cycling and public transport.

To transform a widespread urban region like Hamburg into a more sustainable and even more livable urban space for people, we use ITS for mobility solutions. For example, in Germany's unique research and development project HEAT, we are testing the integration of an autonomous minibus shuttle into urban road traffic. The City of Hamburg is working intensively on the digitalization of mobility with the aim of making



ӨНОСНВАНМ



ERTICO – ITS Europe and its Partners can't wait to welcome you in Hamburg for the 27th ITS World Congress, which will take place from 11 to 15 October 2021. It will be our pleasure to be face-to-face with you again!

Hamburg is the perfect location for this prestigious event given this host city's reputation as a European model for urban mobility and a renowned international port for freight and logistics. Thought leaders, developers and decision-makers from the automotive, public transport, logistics, IT, mobility and telecommunications sectors will come together to exchange ideas on the mobility solutions that matter in our shared future.

The conference's theme, Experience Future Mobility Now, matches the mission and vision Hamburg has already been embracing for the last few years, since the adoption of its ITS Strategy in 2016. Hamburg has been using Al and other digital technologies to improve traffic flow, as well as engaging in several ITS initiatives with the goal of achieving 'smart city' status by 2050.

The Congress is ERTICO's most powerful tool to connect people, processes, data to revolutionise world cities and communities and raise awareness amongst us all: policy makers, experts and the public alike. ERTICO and the host are proud to offer such an occasion to learn, network and share solutions and ideas to get one step closer to smarter, user-friendly and more sustainable mobility, with a focus on digital as

a key enabler to achieve the green transition and ensure the human-centric development of Artificial Intelligence.

The programme in Hamburg includes sessions about CAD, MaaS, Intelligent infrastructure, solutions for cities and citizens, complemented by an expansive exhibition area and a set of live demonstrations for a first-hand experience of the mobility of the future.

The Call for Contributions is open; on behalf of ERTICO – ITS Europe and its Partners, I hope to meet you in Hamburg in October 2021!



Jacob Bangsgaard

CEO **ERTICO – ITS Europe**





On behalf of the Intelligent
Transportation Society of America
(ITS America), welcome to the
ITS World Congress in Hamburg!
ITS America is proud to join with
ERTICO – ITS Europe and ITS AsiaPacific in organizing this exciting
event.

This is the first gathering since ITS leaders met in Singapore in 2019, due to the coronavirus pandemic that swept across the globe in 2020. This year's theme, "Experience Future Mobility Now," carries more significance because of how that experience helped all of us re-think the future of transportation and mobility - connected and automated vehicles; Mobility on Demand and Mobility as a Service; the role ports play in moving goods; intelligent infrastructure; mobility in the skies; and sustainability in all forms of mobility all take on new meaning in 2021.

At ITS America, our vision is a better future transformed by intelligent mobility – one that is safer, greener and smarter. We advance the research and deployment of intelligent transportation technologies to save lives, improve mobility, promote sustainability, and increase efficiency and productivity.

Our members, along with other industry stakeholders, are eager to engage with others around the world who share these same goals.

The 2021 ITS World Congress in Hamburg is where we can make important connections with policymakers, entrepreneurs, researchers, academics, investors, and many other leaders. I am confident it will be as exciting and valuable for you as I know it will be for me. Have a great week, and I look forward to seeing you in Hamburg!



Shailen Bhatt

President and CEO ITS America



On behalf of ITS Asia-Pacific, I would like to invite you all to the 27th ITS World Congress in Hamburg. ITS World Congress started 26 years ago as a cross disciplinary platform for research and development of Intelligent Transport Systems. As more attentions are paid to real world deployment, government officials, industry leaders, transportation service operators and entrepreneurs have more actively joined for effective public investment and business opportunities.

We have connected and automated vehicle technologies at hand and innovative transport services are emerging brought by new breed of ambitious people. Based on the experiences we accumulated, we have to quantitatively evaluate both potential benefits and risks of the innovative technologies and societal implications for effective and pervasive deployment of Intelligent Transport Systems, which will contribute to significantly mitigate our challenges and enhance wellness of our lives.

Under the theme of 'Experience Future Mobility in Hamburg', ever expanding diversity of papers are anticipated to be shared across the academic disciplines, the industrial sectors and the jurisdictions. Classified into categories, wide range of papers from academic research to practical deployment experiences are all welcome.

I'm looking forward to your contributions and seeing you in Hamburg.



Hajime Amano

Secretary-General ITS Asia-Pacific



The Event

The World Congress on Intelligent Transport Systems (ITS) facilitates and influences global discussions about technology and services towards making the deployment of ITS and the digitalisation of transport a smart and sustainable reality. Hosted in a different location each year, the ITS World Congress is an international meeting point, regularly attracting 12,000+ attendees, rotating through Europe, the Americas and Asia-Pacific.

ERTICO – ITS Europe, the Free and Hanseatic City of Hamburg and the Federal Ministry of Transport and Digital Infrastructure will be 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. The event will also focus on innovative ITS solutions for easier and healthier mobility options in people's everyday life.

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 future in the current times to experience what a smarter, cleaner and faster mobility looks like.

Get ready to explore it with us!



Hamburg – driving innovation & digitalisation of transport

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 usage 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.

Modern cities are facing numerous challenges including population growth, traffic jams, lack of parking space, emissions and globalised logistics. Often they have to meet ambitious targets for addressing climate change, economic growth and urban development, and these will be some of the key focuses at the Congress.

The Congress will also be an excellent opportunity to exchange knowledge and good practice within the ITS community, and to enlarge your personal network within the industry. Last but not least, we are preparing a social programme which will invite you to discover this vibrant German city and to enjoy its hospitality, entertainment and cuisine. Hamburg is a magnificent setting for the Congress because it allows you to combine business with pleasure.

Come to Hamburg in 2021 to experience future mobility as envisioned by smart mobility experts from around the world!



Congress and Exhibition Venue Located in the heart of Hamburg and easy to reach by all means of transport, it is the ideal location in which to host this international event. **Eingang West** U3 (3 H) **CCH - Congress Center Hamburg** West Entrance Sternschanze Park Planten un Blomen TAXI P Location of plenary sessions only Upper Levels - Congress sessions and meeting rooms DB S (II) Upper Level - Congress sessions and meeting rooms Ground Level - Official Demonstrations launch area Dammtor Ground Level - Exhibition space, ITS Forum and Start-up zone Exhibition space and catering areas Exhibition space and host pavilion Main entrance for all Congress participants Stephansplatz **Hamburg Messe Exhibition space and** Tiefgarage Ost Eastern Underground Car Park catering areas Bei den Kirchhöfen **Eingang Ost** East Entrance Messehallen TAXI **Eingang Süd** South Entrance





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

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 in sessions and showcased in the exhibition and through live demos, to create an unforgettable experience.

The Congress is organised under the six topics listed on the right together with a sketch of the subject matter we expect to see addressed by authored papers and organised discussion sessions. A selection of keywords will guide the submission of contributions:



GOODS JOURNEY FROM PORTS TO CUSTOMERS



INTELLIGENT INFRASTRUCTURE



NEW SERVICES FROM NEW TECHNOLOGIES



SOLUTIONS FOR CITIES AND CITIZENS



Automated, Cooperative and Connected Mobility

Improvements to artificial intelligence, sensors, data processing, communications, mapping and location technologies have catalysed the development of highly automated and highly connected vehicles. This promises gains in safety, air quality, network management and traveller information services. But there is still work to do to support widespread deployment.

- changes to the workforce, jobs and society
- new business models
- required changes to infrastructure
- system engineering and architecture
- simulation & modelling
- pilots, trials and tests
- autonomous public transport
- platooning
- human-machine interface
- user acceptance
- IoT
- safety gains
- cross-border services
- connectivity
- maps, mapping and geolocation
- impact, cost-benefit and risk assessment
- cybersecurity and resilience
- remote updating and self-diagnosis



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. Achieving this requires changes to business models, users' habits and the subsidising of public transport.

- user behaviour,
- user acceptance
- city authorities' needs
- business models and cases
- mobility platform systems
- hubs
- standards
- multimodality
- micromobility
- ticketing and payment
- pilots, trials and tests
- data sharing
- apps designs
- ride sharing and hailing services
- sustainable mobility
- regulation and de-regulation
- institutional & legal issues
- interoperability & cross border services



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. Automated and electrified vehicles promise gains for hub-to-hub as well as "last mile" deliveries in cities. How can we streamline the trip from ship to shop to consumers?

- data sharing platforms
- logistics platforms
- last mile delivery
- micro depots
- distribution hubs
- load sharing
- interoperability
- green vehicle routing
- paperless vehicle and load tracking
- delivery parking and secure parking
- traffic management
- linked digital information systems
- maritime applications and 5G solution



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? Can we upgrade legacy systems? How can we best integrate terrestrial and satellite services?

- IoT
- predictive maintenance
- sensors
- V2V and V2X
- legacy systems
- data management
- data privacy and ownership
- new business and operational models
- probe vehicles and FVD
- system of systems
- emergency & incident management
- digital twins
- eCall
- mapping and geolocation



New Services from New Technologies

Innovation in ITS is a constant process. What might be the benefits for end-users from developments with established technologies and completely new solutions – for example – on vehicle sensors, batteries and other energy storage, fuel cells, blockchain, lightweight materials, artificial intelligence, maps and location systems, drones?

- unmanned aerial vehicles (Urban Air Mobility/ UAM)
- distributed ledgers
- quantum computing
- deep learning
- display technologies
- non-chemical energy storage
- GNSS constellations
- inductive charging
- start-ups
- next generation of communication
- skills development
- new business models



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. Connectivity brings new knowledge on traffic origin, destination and position; is this enough to reduce travel time for the community overall while giving optimal services to individual customers as well as better air quality?

- climate goals and action plans (a.o. Green Deal)
- new ITS services for walking and cycling
- digital twins
- spatial allocation
- collaborative strategies
- data-sharing
- cross border solutions
- smart parking
- real-time information
- demand management
- predictive network management
- influencing traveller behaviour
- citizens engagement and co-creation
- mobility management



Congress Format

The 27th ITS World Congress will host various sessions with top mobility experts speaking about key topics in the transport industry today. The event presents a strategic opportunity for all mobility stakeholders world-wide to come together, share knowledge, exchange best practices and make the necessary contacts to develop their businesses.



Streams

Plenary and Executive sessions will be organised in streams focussing on topical mobility issues. Major personalities, policy makers and executives from the industry will exchange experiences and practices on how to prepare cities and regions for transition into smart mobility, while moving people and goods efficiently, safely and cleanly. In these sessions, invited high level international industry executives, public officials and academics from around the world will draw from their experiences to share their views on ITS achievements, opportunities and challenges.



Technical / Scientific sessions

These sessions are composed of presentations by international experts on a variety of topics covering practical, economic, technological, organisational and societal aspects of ITS. They aim to encourage the exchange of information ranging from improving the operational use of systems and deployment of services to research & development in support of new applications. All papers must include well reported results and clear conclusions about the contribution of the work to the body of knowledge and justification of novelty.



Proposed sessions

Organised at the request of groups of international experts developing and deploying ITS, these sessions provide the opportunity to focus on specific topics of interest.



Business presentations

Business presentations describe a service aimed at generating or improving a specific product, device or idea for the market.

Call for Technical and **Research Papers**

The International Programme Committee invites ITS experts to submit their contributions to be considered for presentation at the ITS World Congress in Hamburg in 2021. Proposals can address any mode of transport but must demonstrate a link to ITS in general and the themes of the Hamburg Congress in particular.

Technical Papers will be about work than confirms the state-of-the-art but also demonstrates originality. They might describe the implementation of a new solution that improves practice and which others can learn from, or the outcomes of practical work, trials, demonstrations or pilots. They are also good showcases of government/ industry partnership in adopting innovative technologies.

Research Papers must describe work which leads to new learning and advances the state-of-theart by adding something new or addressing a known weakness. They will be expected to show scholarship, innovation and analysis of new types of problem or/and solution rather than different approaches to areas that have already been researched.

General guidelines:

All papers will be put to a review and authors will be notified of the outcome. A draft submission is required for all types of paper but the reviewers will need enough content to be able to judge your paper appropriately.

For Technical Papers we require a minimum of 5 pages and a maximum of 10 pages. For Research Papers we require a minimum of 9 pages and a maximum of 12 pages. Papers which are submitted as Research Papers but which are not judged to be a good match with the expected criteria may still be accepted as Technical Papers.

You will have to indicate if the primary aim of the paper is about

- Explaining for a very technical audience how something works
- Explaining for users what something does and how they can deploy it
- Explaining how something can be integrated into a wider mobility system.

For fully "Accepted" papers authors should update their draft text and add diagrams or tables of results etc to generate the final version. Papers may be reviewed and classified as "Conditionally Accepted" in which case authors will be sent specific quidance on the points that must be addressed for full acceptance.

Paper submissions that are an abstract only or do not meet the minimum requirements will be returned without review.

The official Congress language is English. Papers not submitted in English will automatically be rejected.

Contributions can only be submitted through the <u>online submission system.</u>

Detailed guidelines are available on the submission system.

Call for Business Presentations

Business Presentations should describe a service aimed at generating or improving specific product, device or idea for the market.

General guidelines:

A draft submission is required to allow the reviewers to have enough content to be able to judge your business presentation appropriately. Authors will be notified of the status.

For accepted business presentations there will be no requirement to make a further submission unless the authors wish to update their business presentation, add diagrams or tables of results etc.

If requested, authors may need to revise their business presentations addressing the reservations of the reviewers while submitting in final version of the business presentation.

All proposals must be original and report on recent significant and substantive achievements. Topics may address any mode of transport.

The official Congress language is English. Business presentations not submitted in English will automatically be rejected.

Contributions can only be submitted through the online submission system.



promotional brochure or do not meet the minimum requirements will be rejected without review.

Call for Session Proposals

A limited number of Proposed Sessions will be included in the programme, and due to the increased competition for slots, to ensure as a wide a range of session topics, and to give an equal opportunity to all potential session submitters, the International Programme Committee will apply the following criteria:

Proposals will not be considered unless the complete contact details of the organizer, moderator and at least 3 confirmed speakers are identified.

By submitting session proposal, you or the identified organizer are committing to organize the session content and participants (if accepted)

If a majority of speakers named in the preliminary programme are not registered and fees paid by the speaker registration deadline, the session will be removed, and the slot given to a candidate from the reserve list.

Session proposals that address a single project will be given low priority compared to those that tackle a broad area. All session proposals must be submitted through the <u>online submission system</u>. E-mail contributions cannot be accepted.



During the submission process you will be asked the following information:

- Organiser's contact details
- Topic and Keywords
- Session title and session description (long version for the review and short version for the programme)
- Name and contact details of the moderator and of a minimum 3 confirmed speakers
- Description of the speakers' individual contributions
- Description of the planned session format and scope
- Questions relevant to the Congress

Key dates

Call for contribution deadline - 11 January 2021
Status notification to submitters - End March 2021

How to be part of The ITS World Congress?

Exhibition and Commercial Partnership

Exhibitors and Commercial partners are key in contributing to the success of a conference.

The exhibition gives you exceptional access to the entire ITS community. Attracting everyone from the most established, innovative and recognisable companies and key opinion leaders in the mobility sector. By exhibiting, you position yourself among the latest ITS solutions and most advanced technologies, putting you in the marketplace for the future of mobility.

Commercial partners have direct access to high profile industry leaders, meeting face to face with more than 15,000 industry experts and thought leaders. Partnership also provides invaluable networking opportunities, offering a social environment to meet Congress attendees and speakers to create new business solutions.

Learn more about our packages and become a commercial partner and position yourself as a leader in smart mobility and transportation technology.

Demonstrations

Demonstration projects have always been seen as one of the most appealing parts of the ITS World Congress, especially from participant perspectives. They are perceived as a great opportunity for companies to present their state-of-the art products and solutions in real-life scenarios - creating a higher impact. The demonstrations give the participants the opportunity to test new products and services and gain a real experience, hence creating a deeper understanding.

Demonstrations will take place at the venue and additionally on the Public Road at the test track for automated and connected driving (TAVF) in the middle of Hamburg's city centre. We cordially invite you to attend them when in Hamburg in October 2021.



Programme

The ITS World Congress 2021 invites organisations from the broad spectrum of the ITS ecosystem to play a role in the ongoing development of smart mobility. The Congress Programme offers delegates an unparalleled opportunity to learn about the latest ITS technologies and new mobility concepts.

Experts, researchers, policy makers, solutions providers from the mobility sectors (and beyond) are invited to submit contributions for various types of sessions to share innovative ideas and lessons learnt, discuss mobility challenges that cities are facing today and how they can be addressed through ITS solutions.

Join the discussion on policy issues, research findings and industry best practice around the Congress main theme and related topics.



International Programme Committee

Europe

- Didier Gorteman, ERTICO ITS Europe
- · Angelos Amditis, ICCS, Greece
- Gábor Bartha, European commission, DG CONNECT
- Ashweeni Beeharee, Satellite Applications Catapult, UK
- Gert Blom, City of Helmond, The Netherlands
- Rui Camolino, ITS Portugal, Portugal
- Victoire Champenois, European Commission, DG MOVE
- Fiammetta Diani, European GNSS Agency GSA, Czech Republic
- Frank Foersterling, Continental Automotive GmbH, Germany
- Norbert Handke, ITS Mobility / ITS Deutschland, Germany
- Janine Härtel, ITS Hamburg 2021 GmbH, Germany
- Jean-Michel Henchoz, Denso Europe, Belgium
- Paulo Humanes, PTV Group, Germany
- Zeljko Jeftic, ERTICO ITS Europe
- Christer Karlsson, ITS Sweden, Sweden
- Delphine Krieger, City and Eurometropolis of Strasbourg, France
- Stephanie Leonard, Tomtom, Belgium
- Meng Lu, Dynniq, The Nethelands
- Stephen Lynn, Connected Places Catapult, UK
- Panagiotis Lytrivis, ICCS, Greece
- Patrick Mercier-Handisyde, European Commission, DG Research & Innovation
- Vasco Móra, Lisbon Municipality, Portugal
- Ahmed Nasr, HERE, Germany
- Roger Pagny, Atec ITS France, France
- André Perpey, NeoGLS, France
- Stéphane Petti, European Investment Bank, Luxembourg

- Eetu Pilli-Sihvola, Finnish Transport Safety Agency, (Trafi), Finland
- · Christian Rousseau, Renault SAS, France
- Eric Sampson, ERTICO ITS Europe
- Francisco Sanchez Pons, CTAG, Spain
- Malika Seddi, Asecap, France
- Katharina Seifert, German Aerospace Center (DLR), Germany
- Delphine Soubies, ERTICO ITS Europe
- Pamela Valente, ERTICO ITS Europe
- Margriet van Schijndel-de Nooij, Eindhoven University of Technology (TU/e), The Netherlands
- Joost Vantomme, ACEA, Belgium
- Inês Viegas, TIS, Portugal
- José Viegas, Consultant and Former ITF Secretary General, Portugal
- Volker Vierroth, T-systems, Germany
- Sascha Westermann, Hamburger Hochbahn AG, Germany



Americas

- Chris Bax, Consultant, Australia
- Ilham Benyahia, Université du Québec en Outaouais, Canada
- Robert E. Brydia, Texas A&M Transportation Institute, USA
- Gary Carlin, INRIX, USA
- Pete Costello, Iteris, USA
- Doug Couto, Consultant, USA
- Steve Dellenback, Southwest Research Institute, USA
- Richard Easley, E-Squared Engineering, USA
- Mike Freitas, ITS Consultant, USA
- · John Funny, Grice Consulting Group, LLC, USA
- Chris Gearhart, Center for Integrated Mobility Sciences, NREL, USA
- Brian Keeler, Manger ITS System Integration, USA
- Tom Kern, Consultant, AASHTO, USA
- Carol Kuester, Bay Area Metro Center, USA
- Jane Lappin, Consultant, USA
- Bob McQueen, Bob McQueen and Associates, USA
- Richard Mudge, Consultant, USA
- Gummada Murthy, AASHTO, USA
- Stephen Novosad, HNTB, USA
- Carol Schweiger, Schweiger Consulting LLC, USA
- Jana Sochor, RISE Viktoria and Chalmers University of Technology, Sweden
- Mario Toscano, Drive Engineering, USA
- Janneke van der Zee, ITS-STI Canada, Canada
- Jon-Paul Yuzark, Escrypt, Canada
- Wei-Bin Zhang, UC Berkeley, USA

Asia-Pacific

- · Yosuke Akatsu, Nagoya University, Japan
- Takehiko Barada, ITS Japan, Japan
- S. K. Jason Chang, National Taiwan University, Chinese-Taipei
- Yoo-Jin Chang, MOLIT, Korea
- Cai Chen, CSIRO's Data 61, Australia
- Kian Keong Chin, Land Transport Authority, Singapore
- Susan Harris, ITS Australia, Australia
- Stephen Hewett, ITS New Zealand, New Zealand
- Weiyun Jiao, National ITS Center China, China
- Tongkarn Kaewchalermtong, Chulachomklao Royal Military Academy, Thailand
- Shunsuke Kamijo, The University of Tokyo, Japan
- Hiroyuki Kumazawa, Osaka Sangyo University, Japan
- Seonha Lee, Kongju National University, Korea
- Young-Kyun Lee, ITS Korea, Korea
- Young-Jun Moon, The Korea Transport Institute, Korea
- Siew Mun Leong, ITS Malaysia, Malaysia
- Takashi Oguchi, The University of Tokyo, Japan
- · Cheol-Oh Oh, Hanyang University, Korea
- · Nobuyuki Ozaki, Nagoya University, Japan
- Lilian Pun, Hong Kong Polytechnic University, Hong Kong
- Tongyan Qi, Chinese Science Center of International Eurasian Academy of Sciences, China
- Majid Sarvi, Melbourne University, Australia
- Takaaki Segi, ITS Japan, Japan
- Jaya Shankar, Institute for InfoComm Research, Singapore
- Jianqiang Wang, Tsinghua University, China
- Dean Zabrieszach,
 HMI Technologies Limited, Australia

Regional Contacts

EUROPE

PROGRAMME

Pamela Valente, **ERTICO**T: +32 (0) 2 400 0785
E: p.valente@mail.ertico.com

Delphine Soubies, **ERTICO**(Papers, business presentations and proposed sessions)
T: +32 (0) 2 400 0741
E: d.soubies@mail.ertico.com

ASIA-PACIFIC

PROGRAMME

Ikuko Okada, **ITS Japan** E: i-okada@its-jp.org

Haruko Ide, **ITS Japan** (papers)
E: h-ide@its-jp.org

AMERICAS

PROGRAMME

Rachel Rettberg, **ITS America** E: rrettberg@itsa.org

COMMERCIAL PARTNERSHIP & EXHIBITION

Jerome Buchanan, ERTICO

T: +44 7901143198

E: hamburg.partnership@mail.ertico.com E: hamburg.exhibition@mail.ertico.com

MARKETING & MEDIA

Dalila Coviello, **ERTICO**

T: +32 2 400 07 43

E: d.coviello@mail.ertico.com

HOST

Harry Evers, ITS Hamburg 2021 GmbH

T: +49 (0)40 88215 7030 E: contact@its2021.hamburg



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