



25<sup>TH</sup> ITS WORLD CONGRESS  
**COPENHAGEN**  
17 – 21 SEPTEMBER 2018

*Quality of life*

# CALL FOR CONTRIBUTIONS

Organised by:



Co-organised by:



Hosted by:



Supported by:

**GREATER  
COPENHAGEN**



# Welcome to the 25th ITS World Congress 2018

The European Commission is very pleased to invite you to the 25th ITS World Congress, to be hosted in the European city of Copenhagen from 17th to 21st September 2018.

The main theme of the Congress, "ITS — Quality of Life", brings to the forefront an important mission of Intelligent Transport Systems: enhance people's daily life through smart mobility solutions, putting the user and their specific needs at the centre of the mobility system.

The Congress will be an ideal opportunity to extend and share your knowledge about the latest technologies and policy developments in different areas of the world and help forge new partnerships and opportunities to change mobility together. Topics like security, privacy and interoperability can greatly benefit from international cooperation. The Congress will therefore look into these and other areas where progress is critical to speed up the deployment of Intelligent Transport Systems.

The 25th ITS World Congress is going to take place while the European Commission will be promoting 'multimodality' with a range of initiatives throughout 2018, to make our mobility system more efficient and sustainable and serve better the needs of its users. We are particularly happy to host this Congress in this special year, in view of the important role of Intelligent Transport Systems in achieving these goals.

We very much hope you can participate and enrich the Congress with your experience, with your knowledge and perspective on how to improve the quality of life through Intelligent Transport Systems.

Looking forward to seeing you in Copenhagen,

Yours sincerely,

**Violeta Bulc**

European Commissioner for Transport

**Mariya Gabriel**

European Commissioner for Digital Economy and Society

**Carlos Moedas**

European Commissioner for Research, Science and Innovation



It is with great pleasure that I welcome you to Copenhagen and invite you to join us at the 25th ITS World Congress. It is with pride, too, as it will be the first time that Denmark, and the capital of Denmark, will be hosting the largest Congress in the world within the ITS industry.

When coming to Copenhagen, you will find yourself in the heart of history with beautiful historic buildings blended with the revolutionary ITS solutions of tomorrow. By using Intelligent Transport Solutions (ITS) we aim to create quality of life for the Copenhageners.

The city fuses quality of life at local level with a global outlook. It is internationally renowned for its innovative approach to the climate and the environment. It has a reputation as the world's best city for cyclists. It is a living showcase for Danish architecture. But most of all, Copenhagen is a good place to be. None of this came about by chance. It is the result of years of planning and development based on the needs of Copenhageners.

As the capital of a small country with 5.6 million inhabitants, with almost 600,000 living in Copenhagen, you would think that we could rest on our laurels. Nevertheless, Copenhagen is among the top five fastest growing big-city destinations in Europe, and an extra 100,000 inhabitants by 2025 means more of us in the same space. We will have to work harder to keep the city together. Getting around will have to be easier. Intelligent Transport Systems (ITS) are one of the means to creating a city that manages to face challenges and still be a liveable, edgy and responsible city.

The goal of the City of Copenhagen's 'Business and Growth Policy' is to become Northern Europe's leading business metropolis — where growth and quality of life go hand in hand. By 2020, the annual GDP growth will have increased to 5%, with an estimated 20,000 new private jobs created, and productivity will have increased by 4%. These ambitious goals will be achieved through strengthening and maintaining Copenhagen as an open city that attracts international companies, investments, highly skilled international professionals, tourists and big events.

In Copenhagen we see ITS as a driver for growth, commercial development and knowledge sharing on a global scale. We have invested nearly half a billion on intelligent traffic lights and street lighting within the last couple of years. The ITS World Congress 2018 is a lever to bring together international public and private partners in a close collaboration that will contribute to the advancement of worldwide future ITS solutions. On a regional level, the goal is that the Congress should strengthen the potential of cross-border partnerships in Greater Copenhagen, and reinforce the wide-ranging alliance within the Nordic Region.

I look forward to welcoming you in Copenhagen.

**Frank Jensen**

Lord Mayor of Copenhagen

I am pleased to invite you to the 25th ITS World Congress 2018 in Copenhagen. The City of Copenhagen is proud to be hosting the Congress, which will be an essential meeting point for the ITS community. We have chosen the overall theme "ITS — Quality of Life" for the Congress.

The city streets and squares of Copenhagen will be available for the display of innovative ITS demonstration projects. We hope to see many contributions that will give participants the opportunity to discover the latest technical innovations, exchange good practices with foreign colleagues, and grow their personal network within the industry.

Copenhagen wants to be the European leader within green technology and innovation. To that end, the City of Copenhagen is active in a number of innovation projects, including making public transport more attractive and less polluting as well as raising the average speed of cyclists by using ITS solutions to prolong green lights.

ITS can help us to improve traffic flow and road safety, and to promote cycling and public transport. That's why the development of ITS is so important to us, and I hope that the Congress will be a lever to carry on this agenda in the ITS community.

The green agenda goes hand in hand with the citizens' needs, and a green city is a precondition for a liveable and healthy city. We say that the city is for the people and by the people. To ensure that Copenhagen is one of the top global cities in 2025, we must all work together to create 'A Liveable City', 'A City with an Edge' and 'A Responsible City'.

We look forward to welcoming you to Copenhagen in 2018 and will do our utmost to create a fantastic setting for the ITS World Congress.

I am convinced you will enjoy your rendez-vous with a beautiful, historic city where quality of life is in the core of everything we do.

**Morten Kabell**

Mayor of Technical and Environmental Affairs in Copenhagen, Denmark



On behalf of ERTICO — ITS Europe and its 120 Partners, I would like to invite you to the 25th ITS World Congress hosted by the city of Copenhagen from 17 to 21 September 2018.

“ITS — Quality of life” is the theme of the next Congress where intelligent solutions meet citizens’ needs. Copenhagen was recently named one of the world’s most liveable cities largely because of its developments and commitments to improve sustainability. The city is working hard to become carbon-neutral by 2025, and in the next ITS World Congress we will learn about the technologies and policies they are using to help this beautiful city achieve this goal.

With a programme focusing on mobility services, ITS and the environment, connected and automated transport, satellite technology, big and open data, freight operations networks operations, the ITS World Congress 2018 will show how intelligent transport and ITS systems and services can drive the deployment of smart cities.

The conference programme will be complemented by a fantastic exhibition and demonstrations showcase. Hundreds of companies and visitors from over a hundred countries around the globe will participate in the exhibition at the Bella Centre, covering a total surface of 20,000+sqm. It will feature more than 30 demonstrations of the latest state-of-the-art products and solutions for real-world mobility scenarios.

For five days, 10,000+ transport technology experts and businesses will gather in the stunning city of Copenhagen.

I hope you can join us in September 2018.

**Cees de Wijs**

Chairman of ERTICO — ITS Europe Supervisory Board



The definition for ‘ITS — Quality of Life’ — the theme of the 25th ITS World Congress hosted by Copenhagen September 17 — 21, 2018 — has evolved with every generation of new technology. What has stayed constant through these advancements is the commitment to applying innovation in a way that ‘enhance people’s daily life through seamless, smart, and sustainable mobility solutions.’

In recent years, green technology has taken center stage given the increase in awareness and education regarding how individual actions often have a collective impact. Improving access to and options for mobility offers unprecedented opportunities to break down information silos, share lessons learned, build best practices, and collaborate towards solutions for the greater good.

ITS America looks forward to continuing its rewarding collaboration with ERTICO — ITS Europe and ITS Asia-Pacific to ensure this premier annual event for the intelligent transportation community builds on the outcomes of the 24th ITS World Congress in Montréal and follows the pattern of excellence expected by our industry colleagues.

**David St. Amant**

President and Chief Executive Officer  
Intelligent Transportation Society of America



On behalf of ITS Asia-Pacific, I would like to invite you all to the 25th ITS World Congress in Copenhagen.

ITS World Congress started 24 years ago as a cross disciplinary platform for research and development of Intelligent Transport Systems. Experts in mechanical engineering, civil engineering, electronic engineering and information science got together and worked together to create integrated transportation domain. As more attentions are paid to real world deployment, government officials, industry leaders, transportation service operators and entrepreneurs more actively joined for effective public investment and business opportunities.

Now, we have connected and automated vehicle technologies at hand and innovative transport services are emerging brought by new breed of ambitious people. Huge expectations and concerns are mixed as ‘singularity’ seems to be quickly approaching. Based on the achievements and experiences on ITS we have built, we have to quantitatively evaluate both potential benefits and risks of the innovative technologies and social innovations. How ITS could contribute to the wellness of people’s life and sustainable development of the society.

Under the theme of ‘ITS — Quality of Life’, ever expanding diversity of contributions are anticipated to be shared across the academic disciplines, the industrial sectors and jurisdictions.

I’m looking forward to your contribution and seeing you in Copenhagen.

**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 a smart and sustainable reality. Hosted in a different location each year, the ITS World Congress is an international meeting point, regularly attracting 10,000+ attendees, rotating through Europe, the Americas and Asia Pacific. ERTICO – ITS Europe and the City of Copenhagen will be hosting the 25<sup>th</sup> ITS World Congress taking place from 17 to 21 September 2018 at the Bella Center. Under the theme “ITS – Quality of Life”, the Congress will focus on how ITS solutions can contribute to livability, greener environment, lower congestion and thereby contribute to creating higher quality of life for the citizens.

In addition to the engaging conference programme and the large indoor exhibition area, the streets of Copenhagen will be available for the display of innovative ITS demonstration projects.

### **Copenhagen – driving green technology & innovation**

Copenhagen has shown remarkable results while working with urban development challenges in relation to the traffic safety, environment and congestion. The driving ambition is to become the first carbon-neutral capital city by 2025. To achieve this, Copenhagen wants to be the European leader within green technology and innovation. Therefore, the City is active in a number of innovative projects, including making public transport more attractive and less polluting, as well as raising the average speed of cyclists by using ITS solutions to prolong green lights. We see intelligent transport systems as an important mean to help us to improve traffic flow, road safety, promote cycling and enhance public transport. It is about finding solutions that are smarter, greener and healthier. The green agenda goes hand in hand with citizens' needs. A green city is a precondition for a liveable and healthy city. As the world's best city for cyclists, we are especially proud of one of our newest ITS inventions, the Variable Message Signs. The Variable Message Signs can direct cycle traffic to avoid congestion by showing congestion levels and alternative routes. The Signs can also show that travel times on bicycle are shorter than by car and can remind bicyclists to be mindful of each other in cases of high density on the bike lanes.

The Congress will be an excellent opportunity to exchange knowledge and good practice within the ITS community, and to enlarge your personal network within the industry.

We look forward to learning from experts, researchers, organisations and companies what will be the future solutions in ITS, and how we can move to the next level.

Last but not least, we are preparing a social programme which will invite you to discover the beautiful capital of Denmark and to enjoy its hospitality, entertainment and Nordic cuisine. Copenhagen is a magnificent setting for the Congress because it allows you to combine business with pleasure.

### **Congress and Exhibition Venue**

The Bella Centre is the largest congress and exhibition venue in Scandinavia. Located less than 10 minutes from both Copenhagen international airport and the city Centre, it is the ideal location in which to host an international event.

**Bella Center,  
Center Blvd. 5,  
2300 København S,  
Denmark**

[www.bellacentercopenhagen.dk](http://www.bellacentercopenhagen.dk)

# Congress topics

**Under the theme “ITS – Quality of Life”, experts will have the opportunity to present the latest ITS solutions and mobility technologies. The Congress will be a momentum to show ground breaking results on how ITS solutions have created a positive impact for the citizens.**

**The International Programme Committee is pleased to present the six topics running through the three Congress pillars – Programme, Exhibition and Demonstrations:**



## 1. Mobility services – from transport to mobility to livability

With today's permanent connectivity, increasing automation, big data and the Internet of Things a paradigm shift has begun for a new mobility. Mobility as a service (MaaS) promises users, providers, communities and policy makers a wide range of personalised and flexible services to support a better lifestyle. MaaS depends less on ownership and more on shared use but many services remain separate with little integration. Can MaaS help break down geographical, cultural, socio-economic and organisational borders? And can MaaS contribute to reducing congestion on the road network providing better mobility for all users in cities and rural areas? This topic will look at changes that are underway, review barriers to faster or further progress, and look at frameworks for widespread deployment of MaaS.

### Subtopics

- Seamless travel, ticketing and payment
- Interoperability and cross-border solutions
- Policy, standards and integration of platforms
- From data to information
- Innovative multimodality e.g. MaaS and the sharing economy
- Understanding users' needs and behaviour



## 2. ITS and the environment

Everyone wants a clean, safe and sustainable environment coupled with jobs and a thriving economy for their city. ITS can help make transport more environmentally sustainable and safer, reducing not only its carbon footprint but also pollution and noise. How can ITS make cycling and walking more convenient and appealing as part of a more liveable city? Can ITS help reduce the number of single-occupant vehicles or accelerate electrification of the vehicle fleet? How can ITS support green, sustainable and effective traffic management? Why is road user charging not more widespread? Can innovative transport solutions and traffic management influence choices made by individuals, businesses & authorities while improving quality of life and addressing climate change?

### Subtopics

- Electro mobility and charging infrastructure interoperability
- Demand management including charging
- Measurement and evaluation
- Sustainable mobility
- Traveller behaviour and mode shift
- Environmental impact reduction policies



## 3. Connected, cooperative and automated transport

Major steps towards implementation of connected & automated transport are being taken now and in many places with pilot projects, testing, and the setting up of Living Labs. In the longer term substantial benefits are expected for accessibility to transport, safety, traffic flow, emissions, fuel use and comfort. But highly connected and automated vehicles might increase the demand for road capacity and increase traffic congestion. Many questions remain: which business models will drive deployment — public, private or mixed initiatives? What needs to be done to ensure seamless and interoperable automated transport? How can a mix of automated and non-automated vehicles be managed during the transition to full deployment?

### Subtopics

- Interoperability and digital infrastructures
- Policy, standards, regulatory frameworks and cross-border solutions
- Understanding HMI, behavioural aspects and social impact
- Communication technologies
- Safety, security and privacy
- Deployment results including testing and evaluation and compliance assessment
- Novel applications



## 4. Next generation goods delivery

How can ITS help to achieve smarter freight transport and logistics? How might rail and road infrastructure cope with traffic growth associated with the new generation of mega-container vessels? How can ITS ease the coexistence of passengers and goods in urban and interurban environments while improving throughput for both? What role might automated vehicles play? How can we offer seamless multi-modal solutions to customers and differentiate solutions for differing needs? What are the options for “last mile” delivery?

### Subtopics

- Policy, standards and harmonisation
- New business models and management of transport infrastructures
- Streamlining freight movements and border crossings
- Sustainable “last mile” solutions and the role of automation
- Ports of the future
- From paper processes to data transaction



## 5. Satellite technology applied to mobility

Satellite technologies for communications, positioning and sensing from space can deliver seamless and affordable connectivity for infrastructure, vehicles, goods and travellers. Combined with sensor based systems they bring robustness, reliability and scalability to the positioning and navigation elements of autonomous vehicles. Environmental and infrastructure monitoring powered from space can extend the capabilities of terrestrial systems. This topic will review the technologies and services available now or in the near future and explore how to promote the usability, affordability and availability of space-based contributions to key ITS challenges.

### Subtopics

- Policy, standards and harmonisation
- Integration of terrestrial and satellite services
- New services
- Applications and platforms for connected and automated transport
- Environmental, navigation and traffic management applications
- Mapping and sensing



## 6. Transport networks operations

Physical transport infrastructure changes slowly as modifications are invariably difficult, expensive and unpopular. By contrast digital networks can be amended relatively easily. However we are now seeing a combination of the virtual and the real — digital and physical — that has enormous potential. New and open data sources such as connected or highly automated vehicles can give new information on network loading, travellers' origins and travellers' destinations from which we can develop predictive, rather than reactive, network management strategies. How can we make best use of the new opportunities? What kinds of solutions can help overcome the organisational, commercial and social boundaries between transport networks and modes? Will networks evolve naturally to support a higher quality of life? How will users benefit from network developments?

### Subtopics

- Traffic and demand management strategies
- Systems for safety and enforcement including incident management and prevention
- Interoperability and cross-border solutions
- Policy, standards, security and privacy
- Use of Big and Open data
- Digitalisation of infrastructures
- Public/private partnerships

**This year, the City of Copenhagen, in collaboration with the Network of ITS National Associations, will address the topic — “Cross-border solutions”. In cooperation with the ITS Nordic Network, the City of Copenhagen will also organise a special Nordic Stream across the different topics highlighting the ITS Nordic way.**



## HOST TOPIC: Cross-border mobility solutions

Today people, goods, services and financial transactions cross borders on a daily basis. ITS and smart mobility solutions can facilitate and smooth the transition between local, regional and country borders with different standards for infrastructure, vehicle equipment, and travel & traffic management. Interoperability and harmonisation become more and more essential with rapid development of digitalised services when crossing borders or even crossing modes or transport in a cross-border MaaS service. Making this work becomes an extremely important cornerstone in achieving intelligent green mobility.

This topic will look at how smart mobility solutions work in practice — how can ITS support seamless crossing

of borders? How can freight transport, private and public transport, cycling and walking function together to provide a unique balance of green mobility? How can harmonised cross border systems stimulate the dynamics between different regions, including how advanced logistics help the harbour meet the city?

The topic “Cross-border mobility solutions” supports the “ITS — Quality of Life” theme making travel and commute across borders easier for people, goods, services and capital.

Sessions around this topic are organised by the Network of ITS National Associations in Europe and the City of Copenhagen.

# Congress format

## Plenary sessions

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

## Executive sessions

In these sessions high level industry executives, public officials and academics will draw from their experiences to discuss key topical policies, opportunities and challenges.

### Out of the box

At the World Congress in Copenhagen we would like to encourage creative thinking, interaction and dialogue!

Our vision is to enhance the interaction between speaker and audience — and thereby increase the share of knowledge and expertise amongst our delegates from all around the world.

We invite all interested speakers to propose an idea, a presentation, a session or an activity of your own choice, to the “Out of the Box” format.

Be creative, be committed, be daring and — above all — be original! Push the boundaries of ITS or challenge conventional thinking.

Just to get you started, a few examples of formats for your inspiration:

#### Dragons’ Den

*Submit a thesis as a pitch - and prepare to be challenged by a panel of professionals*

#### Meet the Experts — Up Close and Personal

*Prepare to share your knowledge in 8 minutes with an audience standing within an arm’s length*

#### Open Fishbowl

*Submit a question that will work for an open discussion*

When submitting your proposal you can indicate the “Out of the Box” option.

## Special Interest Sessions

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

## Technical/Scientific Sessions

These sessions are composed of presentations by international experts on varying ITS related topics encompassing all technical, scientific, economic, organisational and societal aspects of ITS. They aim to encourage and enable the exchange of information on deployment ranging from improving the operational use of systems and services on the one hand to research and development in support of new applications on the other.

## Discussion sessions

These sessions will begin with speakers making short presentations after which the moderator will facilitate a discussion involving both the speakers and the audience. This format suits contentious subjects with many different opinions to be considered, or an area which is evolving very quickly. The sessions are less structured with more time for interaction between the speakers and the audience.

## Commercial paper sessions

Commercial Papers describe an activity aimed at generating or improving a specific product, device or idea for the market. Papers will be presented in groups with a moderator.

## Project dissemination sessions

These are Special Interest Session proposals which the Programme Committee considered had significant emphasis on presentation of results from one or more important projects.

## Key Dates

Call for Contributions deadline:	15 December 2017
----------------------------------	------------------

Status notification to paper authors and SIS organisers:	End March 2018
--	----------------

Re-submission deadline for Conditionally Accepted papers:	4 May 2018
---	------------

Final paper submission deadline:	1 July 2018
----------------------------------	-------------

Speaker registration deadline:	1 July 2018
--------------------------------	-------------



# Call for Scientific/Technical/Commercial Papers

The International Programme Committee invites ITS experts to submit their contributions to be considered for presentation and publication at the ITS World Congress in Copenhagen in 2018.

**Technical Papers** may address the institutional, business, societal and economic aspects of ITS and include technical subjects.

**Scientific Papers** should concentrate on research and scholarship and they will be independently refereed to academic journal standards.

**Commercial Papers** should describe near-market work rather than pre-market work. Authors working for or in close collaboration with commercial companies are welcome to submit papers.

## General Guidelines

A draft submission will be required for each paper. The reviewers will need enough content to be able to judge your paper appropriately, so for **Technical or Commercial Papers we require a minimum of 5 pages and a maximum of 10 pages (for the final paper). Scientific Papers we require a minimum of 9 pages and a maximum of 12 (for the final paper).**

Papers which are submitted as Scientific, but which are not judged to be of this top rating standard or relevance, may still be accepted as Technical Papers.

Technical and Commercial papers will be submitted to a technical review and authors will be notified if they are accepted, conditionally accepted or rejected.

If a draft paper has been accepted, the author will be asked to submit a final version. A confirmation of the draft paper is acceptable, but this is also an opportunity for the author to update the draft, add diagrams, tables, results etc.

## IET

To enhance the scientific quality of this event, the Congress Organising Committee has entered into an agreement with the Editor in-Chief of IET Intelligent Transport Systems (IET ITS), an SCI-E (ISI) and EI indexed peer-reviewed journal that has published papers from previous ITS World and European Congresses. Shortly after the close of this ITS World Congress, authors of scientific papers that are considered suitable for expansion and academic publication will receive a formal invitation to submit an updated and enhanced paper. Papers will go through the journal's standard peer-review process and, if accepted for publication, will be indexed in the citations databases. See: <http://www.ietdl.org/IP-ITS>

If a draft paper has been conditionally accepted, the author must revise it and address the reservations of the reviewers when submitting its final version.

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

The official language of the Congress is English. Papers not submitted in English will be rejected by default.

Authors can submit a maximum of 2 papers and will not be allocated more than 2 speaking opportunities for presenting their papers.

# Call for Special Interest Session proposals

A limited number of Special Interest Sessions will be included in the programme, in addition to conventional presentations, discussion sessions, executive and plenary sessions.

To ensure as wide a range of sessions as possible, and to give an equal opportunity to all potential session bidders due to the increase competition for slots, the International Programme Committee will apply the following criteria:

- Bids will not be considered unless the complete contact details of the moderator and at least 3 confirmed speakers are listed

- If a majority of speakers named in the preliminary Programme are not registered by the speaker deadline, the session will be removed and the slot given to a candidate from the reserve list
- SIS proposals that address a single project will be given low priority compared to those that tackle a broad area
- All sessions proposals must be submitted online, e-mail contributions will not be accepted

Additional information on the session format and scope will be requested.

Contributions must be submitted through the **online submission system** by **15<sup>th</sup> December 2017**.

Upon completion of our contribution the system will automatically generate an acknowledgement e-mail with details of your submission. This is a confirmation of receipt and not a proof of acceptance. Detailed guidelines available on the submission system

# Additional information

## Commercial Partnership

Commercial partners and exhibiting are key in contributing to the success of a conference. The ITS World Congress 2018 invites all sectors to play a role in the ongoing development of Intelligent Transport Systems and Services.

Commercial Partnership has been designed to enable companies to communicate and interact with their key audiences through a variety of branding, editorial and keynote opportunities.

Over the next year your brand would be associated with all promotion and information dispersed to our:

- **Internal Audiences**

Members of ERTICO — ITS Europe, ITS America, ITS Asia-Pacific, Attendees of ITS European Congresses, ITS Montreal WC, and ITS Melbourne WC.

- **External Audiences**

Global professionals in ITS not previously involved on Congresses, Host Databases (City of Copenhagen), Partners' databases (indirect promotion of the Congress through commercial partners own databases).

**The ability to reach the ITS world audience with your branding, editorial, key messages and endorsement would not be possible through any other medium.**

## Exhibition

The exhibition gives you exceptional access to the entire ITS community. With over 10,000 attendees from more than 100 countries, this is a networking event not to be missed. The Congress attracts participants from the most established and recognisable companies to new players and industry influencers. By exhibiting at the ITS World Congress you will find yourself among the latest ITS solution and advanced technology providers, positioning yourself among the elite in the market place for future mobility.

### EXHIBITING RATES

EARLY BIRD DEADLINE FOR BOOKING AND DEPOSIT PAYMENT DEADLINE IS: 9TH JANUARY 2018	
Early Bird Space Only:	€370 +VAT per sqm
Space Only:	€410 +VAT per sqm
Shell Scheme:	€725 +VAT per sqm
Co-exhibitors:	€ 775 +VAT each company

**Shell scheme package includes:** Shell walling, fascia incl. text on one side, carpet, 1 x spot per 3 per sqm, 1 x power socket.

**Furniture package:** Literature rack x 1, poseur table x 1, bar stool x 3, waste bin x 1, lockable cabinet x 1

Each exhibitor will be listed in the Exhibition Guide and have an online entry on the Website and Event App. Every 9sqm includes: two free exhibitor passes for refreshments and lunches within the exhibition hall providing a great networking opportunity

**ERTICO members benefit from a 10% discount on shell and space rates.**

For further information, please contact our team at [copenhagen.exhibition@mail.ertico.com](mailto:copenhagen.exhibition@mail.ertico.com) or [copenhagen.partners@mail.ertico.com](mailto:copenhagen.partners@mail.ertico.com) and download the Commercial Partnership & Exhibition brochure on the Congress website [www.itsworldcongress.com](http://www.itsworldcongress.com)

## 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.

Based on this strong belief, the City of Copenhagen eagerly encourages and invites all participants (i.e. industries, public authorities, universities etc.) to introduce their products to be demonstrated in Copenhagen and use the city as a test bed for proofing their concepts and demonstrating their products and services in a real life scenario. We will try to match the demonstration platform with the city-in-use vision and aim to create synergy between the solutions, various themes and overall programme; and of course make sure the whole international ITS Community are aware of what we are planning in Copenhagen through the extensive marketing campaign.

**\*All demonstrations are required to take an exhibition stand at the Congress and all Commercial Partners receive a 25% discount on Demonstrations.**

For further information, please contact [itsworldcongress2018@tmf.kk.dk](mailto:itsworldcongress2018@tmf.kk.dk) or download the Call for Demos on the Congress website [www.itsworldcongress.com](http://www.itsworldcongress.com)

# International Programme Committee

## Europe

**Didier Gorteman**, ERTICO — ITS Europe, (Chair)  
**Mads Gaml**, City of Copenhagen, Denmark (co-Chair)  
**Angelos Amditis**, ICCS, Greece  
**Ashweeni Beeharee**, Satellite Applications Catapult, United Kingdom  
**Marije de Vreeze**, Connekt / ITS Netherlands, The Netherlands  
**Fiammetta Diani**, European GNSS Agency — GSA  
**Stephane Dreher**, United Nations Development Programme  
**Nour-Eddin El Faouzi**, IFSTTAR, France  
**Frank Foersterling**, Continental Automotive GmbH, Germany  
**Norbert Handke**, ITS Network Germany, Germany  
**Richard Harris**, HMI Technologies, United Kingdom  
**Jean-Michel Henchoz**, DENSO International Europe, Belgium  
**Wolfgang Hoefs**, DG CONNECT, European Commission  
**David Hytch**, Parkgate Consultants, United Kingdom  
**Christer Karlsson**, ITS Sweden, Sweden  
**Paul Kompfner**, ERTICO — ITS Europe  
**Risto Kulmala**, Finnish Transport Agency — FTA, Finland  
**Stephanie Leonard**, DG MOVE, European Commission  
**Stephen Lynn**, Transport System Catapult, United Kingdom  
**Meng Lu**, Dynniq, The Netherlands  
**Jennie Martin**, ITS United Kingdom, United Kingdom  
**Patrick Mercier-Handisyde**, DG Research and Innovation, European Commission  
**Roger Pagny**, Ministry of Ecology, Sustainable Development and Energy, France  
**André Perpey**, Geoloc systems, France  
**Stéphane Petti**, European Investment Bank, Luxembourg  
**Christian Rousseau**, Renault SAS, France  
**Ahmed Nasr**, HERE, Germany  
**Eric Sampson**, ERTICO — ITS Europe  
**Malika Seddi**, ASFA, France  
**Johanna Tzanidaki**, ERTICO — ITS Europe  
**Margriet van Schijndel-de Nooij**, EARPA, Belgium  
**Charlotte Vernegren Christensen**, City of Copenhagen, Denmark  
**Volker Vierroth**, T-Systems, Germany  
**Sascha Westermann**, Hamburger Hochbahn AG, Germany  
**Kees Wevers**, Brightangel ITS, The Netherlands

## Asia-Pacific

**Yousuke Akatsu**, Nagoya University, Japan  
**S.K. Jason Chang**, National Taiwan University, Chinese-Taipei  
**Chin Kian Keong**, Land Transport Authority, Singapore  
**Susan Harris**, ITS Australia, Australia  
**Mohammed Hikmet**, HMI Technologies Limited, New Zealand  
**Masahiko Ikawa**, Mitsubishi Electric Corporation, Japan  
**Weiyun Jiao**, China National ITS Center, China  
**Shunsuke Kamijo**, The University of Tokyo, Japan  
**Jeong-Gyu Kang**, Korea Expressway Corporation, Korea  
**Hiroyuki Kumazawa**, Osaka Sangyo University, Japan  
**Young-Kyun Lee**, ITS Korea, Korea  
**Siew Mun Leong**, ITS Malaysia, Malaysia  
**Young-Jun Moon**, The Korea Transport Institute, Korea  
**Brian Negus**, RACV, Australia  
**Takashi Oguchi**, The University of Tokyo, Japan  
**Nobuyuki Ozaki**, Toshiba Corporation, Japan  
**Tongyan Qi**, Chinese Science Center of International Eurasian Academy of Sciences, China  
**Takaaki Segi**, ITS Japan, Japan  
**Jaya Shankar**, Institute for Infocomm Research, Singapore  
**Seung-Neo Son**, ITS Korea, Korea  
**Shigetoshi Tamoto**, ITS Japan, Japan  
**Dean Zabrieszach**, HMI Technologies Limited, Australia

## Americas

**Chris Bax**, Cubic, USA  
**Ilham Benyahia**, Université du Québec en Outaouais, Canada  
**Hamed Benouar**, Sensys Networks, USA  
**Doug Couto**, Consultant, USA  
**Pete Costello**, Iteris, USA  
**Steve Dellenback**, Southwest Research Institute USA  
**Usha Elyatamby**, IBI Group, Canada  
**Richard Easley**, E-Squared Engineering, USA  
**John Funny**, Grice Consulting Group LLC, USA  
**Brendon Hemily**, Hemily and Associates, Canada  
**Jane Lappin**, TRI (Toyota Research Institute), USA  
**Bob McQueen**, OCash Company, USA  
**Richard Mudge**, PhD, Compass Transportation and Technology Inc., USA  
**Steve Novosad**, HNTB, USA  
**Pino Porciello**, TrustPoint Innovation, USA  
**Tony Qui**, University of Alberta, Canada  
**Lou Sanders**, American Public Transportation Association, USA  
**Carol Schweiger**, Schweiger Consulting LLC, USA  
**Jana Sochor**, Chalmers University of Technology, Sweden  
**Janneke van der Zee**, ITS Canada/STI Canada, Canada  
**Wei-Bin Zhang**, UC Berkeley PATH, USA

## Europe

### PROGRAMME

Pamela Valente  
T: +32 (0) 2 400 0785  
E: [p.valente@mail.ertico.com](mailto:p.valente@mail.ertico.com)

Delphine Soubies  
T: +32 (0) 2 400 0741  
E: [d.soubies@mail.ertico.com](mailto:d.soubies@mail.ertico.com)

Andrea Hrzić (Papers and Special Interest  
Session submissions)  
T: +32 (0) 2 400 0730  
E: [a.hrzc@mail.ertico.com](mailto:a.hrzc@mail.ertico.com)

### COMMERCIAL PARTNER & EXHIBITION

E: [copenhagen.exhibition@mail.ertico.com](mailto:copenhagen.exhibition@mail.ertico.com)  
E: [copenhagen.partners@mail.ertico.com](mailto:copenhagen.partners@mail.ertico.com)

Benoit Augarde  
T: +32 (0) 2 400 0786  
E: [b.augarde@mail.ertico.com](mailto:b.augarde@mail.ertico.com)

Jasvinder Sidhu  
T: +44 (0)20 7973 4700  
E: [j.sidhu@hgluk.com](mailto:j.sidhu@hgluk.com)

### COMMERCIAL PARTNER & DEMO

City of Copenhagen  
Host **Congress** secretariat  
E: [itsworldcongress2018@tmf.kk.dk](mailto:itsworldcongress2018@tmf.kk.dk)

### PRESS & MEDIA

Danielle McDonald  
T: +32 2 400 07 54  
E: [d.mcdonald@mail.ertico.com](mailto:d.mcdonald@mail.ertico.com)

## Asia-Pacific

### PROGRAMME

Ikuko Okada  
ITS Japan  
[i-okada@its-jp.org](mailto:i-okada@its-jp.org)

Haruko Ide  
ITS Japan  
[h-ide@its-jp.org](mailto:h-ide@its-jp.org)

## Americas

### PROGRAMME

Susan Nicoletti  
ITS America  
[snicoletti@itsa.org](mailto:snicoletti@itsa.org)

