



Intelligent Urban Transport Systems

Submission Guidelines:

Call for Contributions for the Conference Programme

IT-TRANS is the leading international Conference and Exhibition where the public transport sector meets to exchange, discuss, and invent IT solutions.

The 2024 edition takes place in Karlsruhe, Germany from **14-16 May 2024**

The Call for Contributions allows you the opportunity to submit your suggestions for presentations which you have expertise on, and which would contribute to an interesting discussion at the conference.

Submission Deadline: 15 November 2023, 11.59 PM CET

[Click here to start your submission](#)

Conference Key Topics:

Artificial Intelligence

Artificial Intelligence is rapidly growing in development – and within public transport management, enhancing services, and optimising operations and maintenance, the conversation continues.

What are the implications for the sector when it comes to the growth of AI? And what do these developments mean for operators, industries, authorities, and new mobility services?

Submissions may cover:

- AI at the service of urban public transport
- The impact on staff and the labour market
- Asset management
- Maintenance
- Energy efficiency

Digital Transformation

Following the global pandemic, there are changes in passenger expectations and travel patterns, presenting a significant challenge to organisations in how they integrate digital services and optimise operations.

Digital transformation, by using new technology and data, is a key enabler to addressing market demands, change business processes, and to improve services. The public transport sector needs to adapt to this growing transformation.

Submissions may cover:

- Operational excellence
- Digitalisation capabilities and skills
- Optimisation of e-fleet operation and energy management
- Data driven operations and maintenance
- Greener cities and lower emissions
- Cost savings and efficiency

Ticketing and payment

As new mobility patterns and business models appear, the need for ticketing and payment systems to be flexible, open and interoperable is vital.

Authorities and operators face the challenge of understanding how new technologies can be integrated into existing systems and infrastructures - and expanded into new mobility services to best meet future market demands.

Submissions may cover:

- MaaS integration and customer centricity
- Changing fare models and policies
- National integrated ticketing schemes
- Data sharing
- Standards in ticketing Sustainability in ticketing

Connectivity, 5G and telecommunications

5G technology is revolutionising public transport by elevating the passenger experience with improved connectivity and minimal latency.

It has the potential to transform the sector by enabling operators to optimise operations, including the implementation of dynamic planning and predictive maintenance. With new developments, there is great potential for connected and automated mobility solutions to advance.

Submissions may cover:

- 5G deployment in public transport
- Smart connectivity and V2X communication
- 5G for smart maintenance
- Path to 6G technology
- Mitigating spectrum fragmentation and governance

Cybersecurity

As transportation systems rely more on digital technologies, they become susceptible to cyberattacks and the risk to sensitive data, disrupted services and when it comes to OT systems, an impact on safety.

Strong cybersecurity safeguards not only protects commuters, critical infrastructure and systems, they help the sector to grow in the crucial area of public and stakeholder trust

Submissions may cover:

- Network security and resilience
- Cyber impact on safety
- IT and OT integration
- The human factor
- Safeguarding electric buses

Shared mobility and MaaS

With a growing number of solutions, from shared bikes to flexible transport solutions, the shared mobility has brought attractive options to citizens and emerged as a game changer for the sector.

Dizzy from too many choices? To help you navigate, MaaS promises to take away the hassle of finding and accessing the most suitable mobility option.

Submissions may cover:

- Latest innovations in Shared Mobility and MaaS
- Multimodal digital and physical infrastructures
- Passenger experience and customer-centric design
- Inclusion and accessibility
- Usability of applications

Data standards and governance

Interoperability and data exchange are enablers for a seamless door-to-door travel ecosystem that covers all mobility services. Common data exchange standards are key to facilitate the integration of different mobility options and creating a trusted mobility governance where different actors cooperate. Data standards will make it easier for public transport providers to meet the ever-changing mobility demand of travellers.

Submissions may cover:

- Public transport data models
- Successful data exchange standards implementation cases
- Public transport travel information and journey planning
- MaaS
- Data harmonisation
- Latest mobility data policy and governance initiatives in Europe

Autonomous mobility

Automation presents opportunities for public transport, but the integration of autonomous vehicles (AVs) into the mobility system requires collaboration on technical objectives. What are the best practices worldwide for integrating AVs into the public transport system? How do you best orchestrate fleets in an efficient and sustainable way?

Submissions may cover:

- Operation and technology best practices for AV deployments
- Fleet orchestration: Integration of automated & autonomous mobility solutions in the whole public transport ecosystem.
- Data sharing and security, public-private collaboration for harmonisation of data exchange

Good to know:

The programme of IT-TRANS is steered by a Programme Committee on behalf of UITP and Messe Karlsruhe. The Programme Committee, together with the Secretariat of UITP, has identified the focus of the sessions of the Conference.

The Committee is also identifying several high-level and headline speakers who will be featured in the programme. Make sure to submit your application before **15 November 2023, 11.59 PM CET in order to be considered by our Programme Committee.**

To find out more about IT-TRANS 2024 or explore previous edition, please visit www.it-trans.org

[Click here to start your submission](#)

2. Rules for Submissions

This is a call for individual proposals which is open to individuals from any organisation regardless of their membership in UITP. Selected papers will be assigned by the Programme Committee to the relevant session.

Applicants who are willing to participate must comply and agree with the following rules, as detailed in the submission process:

- Applicants are requested to submit **their applications online via the dedicated website**. Applications made through other channels will not be evaluated.
- Applicants are allowed to submit **only one application** to the call for contributions. Multiple individual accounts are not permitted.
- Abstracts and any additional documents are to be submitted **in English only**.
- If abstracts have more than one author, only one of them can benefit from the preferential conditions granted to speakers to attend IT-TRANS 2024.
- Applicants and selected speakers are not allowed to designate a substitute if they are not available. It is up to the Programme Committee or UITP Secretariat to make such a decision if relevant. In case a speaker must cancel their participation, they must inform UITP at the earliest convenience.
- **UITP does not cover travel and accommodation costs**, but speakers enjoy a **preferential registration** fee policy:
 - **Free registration for speakers only for the day of their speech** (networking events excluded).
 - **Or a reduced rate of €369,75** (Excl. VAT) which is €440 (with VAT) to attend the Conference and Exhibition, and networking events.
- **UITP has the exclusive copyright of all selected applications** (abstracts, audio visual aids and full presentations).
- Speakers must be aware that the Programme Committee reserves the right to cancel their participation if they do not comply with the speakers' guidelines which they will receive once they are selected - mainly in terms of providing compulsory details and audio-visual aids, in English, by the deadlines which will be communicated.
- Selected speakers must commit to promoting IT-TRANS 2024 using the communication tools provided by the UITP Secretariat.
- If applicants do not comply with the above, UITP and its Programme Committee will be under the obligation not to consider their abstracts and any submissions will be revoked.

3. Consideration for the evaluation of applications

We are committed to delivering **high quality sessions** that cover the priority topics of the event. When evaluating applications, the Programme Committee will pay particular attention to the following aspects:

1. Preference will be given to applications addressing the key topics of the event, innovatively.
2. Applications promoting specific commercial products will be redirected to the Market Updates Forum.
3. UITP is eager to promote a diversity of profiles. A geographical balance will be considered when building the programme.
4. For many years UITP has also been strongly committed to promoting **gender equality** in public and urban transport and we specifically encourage female professionals to respond to the call for contributions. **UITP has committed to increase the number of female speakers** in the Conference programme in 2024 compared to past editions. It has also committed that there will not be men-only panels.

Have a question?

We invite applicants to take the above into consideration when submitting their abstracts. For any further questions, please do not hesitate to email ittrans.speakers@uitp.org

Apply to speak:

[Click here to start your submission](#)