



26-30 June 2023 | Vienna

Innovation Advances Towards the Future of Managing Traffic

Traffic Management as key element for future mobility solutions

The Symposium program will include plenary sessions, technical sessions with invited speakers, poster sessions, and workshops which will address: the next generation of traffic management systems, sharing and using emerging sources of data (e.g., connected and automated vehicles), incorporating data from connected and automated vehicles into operational / safety strategies and control plans to manage traffic on freeways, innovative methods to actively managing and controlling traffic, managed lanes (e.g., HOV, HOT, Part-time

Shoulder Use, Reversible Lanes), use of pricing to improve the use of traffic operational strategies, managing traffic management assets, sharing information with other systems and stakeholders, opportunities to share electronic data among systems and 3rd parties, incorporating mobility on demand services into the day-to-day traffic management and emissions mitigation activities, coordinating and sharing information with agencies and service providers in response to planned and unplanned events.

A unique event beyond classic traffic management

The challenges lying before us show the need to team up with other international platforms worldwide and to look beyond traditional traffic management to facilitate also multimodal mobility offers and tackling climate change. Innovative solutions and building blocks like digital transport infrastructure, can open new paths for a sustainable, future proofed traffic management.

This 4th International Symposium on Freeway and Tollway Operations will provide a platform for managers, traffic engineers, practitioners, and researchers to discuss and share their experiences with "The Future of Managing Traffic". Industry leaders and specialists from around the globe are invited and will lead discussions on the challenges, research needs, and innovative approaches to collaborate with other agencies and service providers to improve how they actively manage and control traffic on the surface transportation system.

What to expect

4
Days

up to
400
Experts

More than
20
sessions

Additional
**technical
visits**

In addition to plenary sessions, workshops are a main element of this symposium. Key topics to be addressed are:

1. **Innovative Financing to Build and Operate Motorways** including use of incentives and pricing in traffic operational strategies.
2. **Governance and Organizational Challenges** covering multimodal aspects, integration of highway, cities and corridors, as well as public private collaboration.
3. **Managing and Analyzing Operational Strategies and Performance** including innovative methods to proactively managing and controlling traffic and addressing data, methods and tools.
4. **Next Generation of Traffic Management Systems and Services** including the integration of traffic management centers and services towards a traffic management ecosystem as well as incorporating mobility on demand services into the day-to-day traffic management.

Get involved

Ideas for workshop sessions are currently collected via IFS02023@austriatech.at or via the partner organizations.

A template for session description is available at www.austriatech.at/isfo2023.

Individuals interested in sharing information at the symposium are encouraged to submit an abstract to be considered to participate in a poster session. Students are invited to submit papers to be considered for a poster session and the Student Paper Award competition. Deadline to submit abstracts for proposed posters and student papers to present during the symposium: **November 15, 2022**

Please submit via cmt3.research.microsoft.com/4ISFO2023

If you have any questions, please contact us via 4ISFO.submit@gmail.com

More information at: www.austriatech.at/isfo2023

Contact: ISFO2023@austriatech.at

Host and Organisation:

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Artificial Intelligence and Advanced Computing Applications Committee (AED50)

Intelligent Transportation Systems Committee (ACP15)

Active Traffic Management Joint Subcommittee (ACP20-5)

TRB Managed Lane Committee (ACP35)

International Coordinating Council (A0020C)



International Road Federation
Fédération Routière Internationale
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