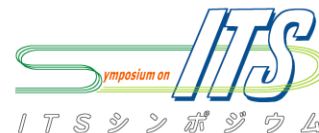


24th ITS Symposium 2026

12-13 November, 2026



SAPPORO EDUCATION AND CULTURE HALL
<https://www.kyobun.org/english.html>

Call for Papers

Against the backdrop of population decline, climate change, and increasing disaster risks, transportation systems are required to ensure sustainability and resilience as a foundation supporting social and economic activities. Hokkaido, the host of this symposium, has a widely dispersed urban structure and severe weather conditions unique to snowy and cold regions, making it a region that anticipates Japan's challenges in maintaining transportation services, responding to winter transportation, and meeting the demand for wide-area travel. Addressing these challenges, the construction of a transportation and logistics system that functions stably even in low-population-density areas will contribute to improved regional resilience, not only by enhancing efficiency during normal times but also by maintaining and quickly restoring transportation functions during disasters. Achieving this requires the construction of a system that integrates transportation, energy, and information to provide stable services throughout normal and emergency situations.

In recent years, ITS (Intelligent Transport Systems) have evolved into a foundation supporting the understanding and forecasting of transportation demand and the optimization of operations, driven by advancements in data and AI. Furthermore, the integration of mobility and energy is accelerating with the progress of electrification and the utilization of diverse energy sources such as hydrogen. This symposium will focus on strengthening regional resilience through the integration of data, AI, and energy, starting with practical examples from Hokkaido, and will discuss the ideal form of ITS (Intelligent Transport Systems) to support the next-generation mobility society. Through collaboration between industry, academia, and government, we will envision new directions for nationwide implementation.

The Program Committee invites ITS researchers and practitioners to submit a paper to be considered for presentation and publication at the 24th ITS Symposium 2026. The Committee offers two options, submitting a full paper or submitting an abstract. Full papers will go through the journal's standard peer-review process and, if accepted for publication, will be included in [International Journal of Intelligent Transportation Systems Research \(IJIT\)](#).

SUBMISSION INSTRUCTIONS

Peer-reviewed Papers

- Authors are requested to submit a **full paper** at <http://www.editorialmanager.com/ijit/> by **31 May, 2026**. Choose “ITS Symposium” from the pull-down menu of Article Type.
- The official language of papers is English only. A maximum length is 10 pages of A4-size paper. Templates can be downloaded at https://www.its-jp.org/katsudou/its_symposium/24th2026/cfp/
- In principle, the journal publication decision will be made after the end of October 2026. The accepted papers will be included into regular issues of the IJIT. No fees are charged to the contributors. Even if a decision has not been made at this point, the paper is still able to remain in the review process and the accepted paper can be published at the later issues. **Regardless of the publication status, authors will be required to make a presentation in the Symposium.**
- Authors will be requested to submit the Preprint by 5 October, 2026. To avoid submission conflicts with the IJIT, the symposium will post Preprint of the submitted papers on the proceedings to be available in ITS Japan's website.

Non-reviewed papers

- Authors are requested to submit an **abstract** by **21 July, 2026**. The deadline is about a month earlier than usual.
- The language of abstracts should be Japanese or English. Expected volume is 250 characters in Japanese or 100 words in English.
- Access https://www.its-jp.org/katsudou/its_symposium/24th2026/cfp/ to register an abstract with the paper information.
- Authors are notified of the publication decision by the end of August 2026.
- If the abstract has been accepted, the authors will be requested to submit the final paper by 5 October, 2026. The papers will be posted on the proceedings to be available in ITS Japan's website.

In human subjects research, you must respect the dignity and human rights of research subjects, and consider their life, health, and safety. Data and information pertaining to the subjects must be handled appropriately and their privacy must be protected. Informed consent must be obtained from the subjects. In addition, you need to obtain approval from the ethics committee of the institution you belong to before planning and conducting the research.

IMPORTANT DATES

PEER-REVIEWED (Special Issue Papers and Regular Papers)		NON-REVIEWED	
1st Submission	31 May	1st Submission	21 July
First Notification	End of July	Acceptance Notice	End of August
Revision Submission	End of August	Final Paper Submission	5 October
Journal Acceptance Notice	after the End of October		
Presentation Submission	Middle of October	Presentation Submission	Middle of October
Publication in Proceedings	5 November	Publication in Proceedings	5 November

REGISTRATION FEES

Type	To 4 November, 2026		From 5 November, 2026	
	Member*	Non-Member	Member*	Non-Member
Speaker		¥15,000		
Delegate	¥15,000	¥20,000	¥18,000	¥23,000
Student Speaker		¥8,000		
Student Delegate		¥3,000		

*Members are ITS Japan supporting members, Individuals belonging to ITS Japan regular member organizations and companies, as well as individual members of sponsoring academic societies

AREA COVERED

A. Challenges and Opportunities of Big Open Data

- Open data management and application
- Data sharing and exchange
- Ubiquitous sensing
- Technology for data collection
- Availability and quality of data
- Data visualisation
- Data fusion
- Predictive analytics
- New business models for traveller information
- Security in an open environment

B. Smart Cities and New Urban Mobility

- Integrated transport system
- Next generation traffic management
- Transport modelling
- Road user charging
- Travel demand management
- Integrated ticketing and payment
- Incident management

C. Automated Vehicles and Cooperative ITS

- V2X Communication technologies and Cooperative systems
- Human factors and human machine interface
- Field operational tests, pilots and demonstrations
- Positioning, mapping and navigation
- Security and integrity for connected and automated vehicles
- Mobility as a service
- Infrastructure and regulation needs for a mixed-capability fleet

D. Mobile Applications

- Multi modal real time information
- Multi modal journey planner
- Demand responsive public transport
- Taxi and parking reservation
- Real time traffic advisory

E. Vehicle and Network Safety

- Speed advice and restriction
- Technology and system for safety and enforcement
- Advanced driver assistance and support systems
- Human factors
- Emergency pre-emption and notification
- Post-crash response
- Improving safety of vulnerable road users
- e-call
- Roadwork safety and inclement weather management
- Preventative and active safety systems

F. Future Freight including Aviation and Maritime

- Freight and fleet management
- Logistics
- Railway network operation
- Unmanned aerial vehicles (UAS / RPAS / Drones)

G. Environmental Sustainability

- Environmental impact reduction
- Electro mobility and charging
- Eco driving
- Reducing noise
- Car sharing, bicycle sharing and ride sharing
- Encouraging active transport and mode shift

24th ITS Symposium 2026

Hosted by ITS Japan

Co-hosted by Hokkaido University and Muroran Institute of Technology

General Chair:

Toshio Yoshii, Professor, Hokkaido University

Program Chair:

Mikiharu Arimura, Professor, Muroran Institute of Technology

Program Committee:

Takanori Emaru, Hokkaido University

Satoru Hino, Hokkai-Gakuen University

Hajime Honda, Hokkaido Regional Development Bureau

Itsuro Kajiwara, Hokkaido University

Takeshi Kawamura, KITAMI Institute of Technology

Masahiro Maki, Panasonic Automotive Systems Co., Ltd.

Yasuhiro Nagata, Hokkaido Development Engineering Center

Nobuyuki Oshima, Hokkaido University

Akiko Seo, Pacific Consultants Co., Ltd

Yu Suzuki, Hokkaido University

Ayumu Takahashi, Docon

Sho Takahashi, Hokkaido University

Masahiro Takeda, Toyota Motor Corporation

Ryuichi Tani, Hokkaido University

Tomohisa Yamashita, Hokkaido University

Hirofumi Yotsutsuji, Civil Engineering Research Institute for Cold Region
