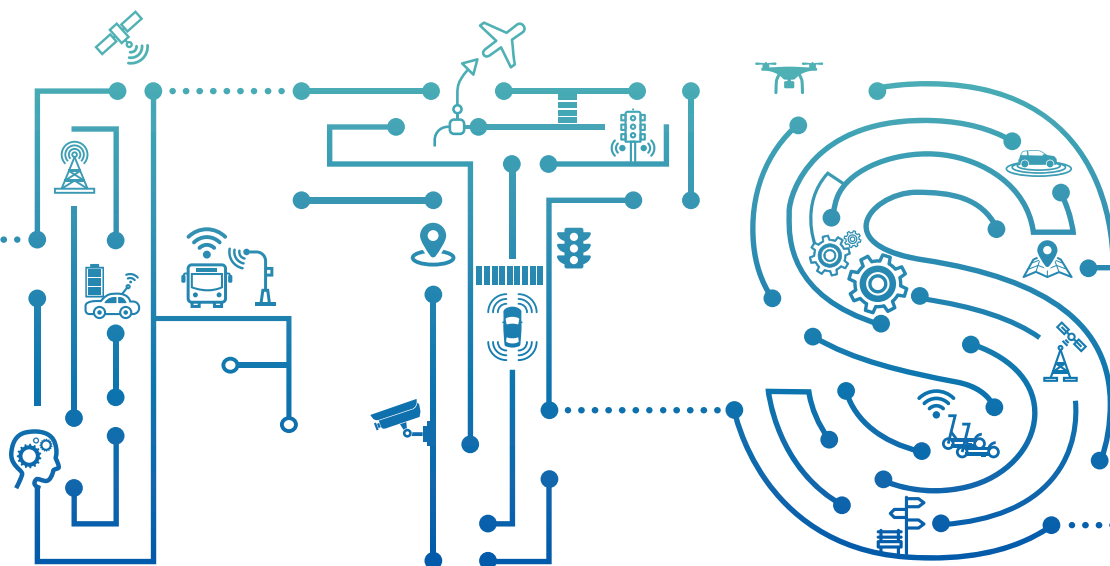




2025 Suwon ITS Asia Pacific Forum

May 28 (Wed) - 30 (Fri), 2025 | Suwon Convention Center, Suwon, Korea

Hyper-Connected Cities by ITS



SUWON

Call for Papers

Papers Submission Deadline: January 31, 2025

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Hyper-Connected Cities by ITS

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GREETINGS

The 20th ITS Asia Pacific Forum will take place in Suwon, Korea, under the theme "Hyper-Connected Cities by ITS."

This Forum will highlight how ITS seamlessly connects various modes of transport and people across city boundaries.

ITS improves convenience and mobility by integrating different transport modes, such as buses and subways, while also analyzing real-time traffic data to ensure smooth traffic flow. It also offers personalized services like Demand Responsive Transport (DRT) and Personal Mobility (PM).

At the forum, participants will share examples of transportation innovations from leading countries and discuss the future of sustainable mobility. The event will include a wide range of activities, such as academic sessions, exhibitions showcasing cutting-edge technologies, demonstrations, technical visits and business networking opportunities.

Suwon, the host city, is a leader in advanced mobility and has continuously upgraded ITS infrastructure since 1997. Participants will have the chance to experience the future of hyper-connected cities, where regions and communities are seamlessly connected through smart transportation.

We warmly invite you to this special event, where you can explore the future of ITS and discover new possibilities for urban development.

Thank you.

Park Sangwoo

*Honorable Chairman of 2025 Suwon ITS AP Forum
Minister of Land, Infrastructure, and Transport*



Suwon Special City cordially invites you to the 20th ITS Asia-Pacific Forum in Suwon to be held in May, 2025.

Suwon, one of Korea's first ITS adopters, has pioneered the ITS introducing the Traffic Information Collection and Provision System 27 years ago. Even now, everyone can use their smartphone to see when his or her bus will arrive and book a demand responsive transport (DRT) through an app. Not limited to mobility, Suwon protects human lives with the Traffic Signal Preemption for Emergency Vehicle linked with traffic lights.

The right direction to move forwards is 'Hyper-Connected'. ITS technology will connect not only roads but also technology, people and even Asia Pacific local governments as one. Suwon will spare no effort to ensure that this forum will serve as a sound platform to share ITS outcomes and value achieved by city governments including Suwon. We ask you to honor the occasion with your valuable wisdom and insight.

I look forward to meeting you in Suwon.

Thank you.

이재준

Lee Jae Joon

*Honorable Chairman of 2025 Suwon ITS AP Forum
Mayor of Suwon Special City*



2025 Suwon ITS Asia Pacific Forum

Innovation with Seamless Connectivity Drives Future Mobility

In modern society, transportation is intricately linked to our daily lives as well as national economies. Therefore, maintaining a resilient transportation system in the face of unexpected shocks, such as natural disasters like COVID-19 or climate crises, is crucial.

The pursuit of a sustainable transportation has become a global goal, with technological advancements accelerating the transition towards a hyper-connected, hyper-intelligent, and hyper-converged society.

The era of future mobility has already begun. Transportation services are evolving daily through the integration of advanced technologies such as AI, big data, and drones, enhancing efficiency and safety. Carbon-neutral and eco-friendly transportation modes are also being developed.

Over the past few decades, Korea has prepared for the era of hyper-connectivity through innovations in road infrastructure and ITS services. By proactively establishing advanced transportation services, such as future-oriented expressway and smart tolling systems, the mobility industry has become a new growth engine for the national economy.

2025 Suwon ITS Asia-Pacific Forum, themed 'Hyper-Connected Cities by ITS,' will be an opportunity to share Korea's technology, policies, and achievements with Asia-Pacific countries and foster collaboration for the creation of future mobility ecosystems.

We hope this forum will be a significant step toward the sustainable development of ITS in the era of hyper-connectivity, and we look forward to the continued participation and support of ITS stakeholders both domestically and internationally.

Thank you.



Ham Jin-gyu,

*Chairman of 2025 Suwon ITS AP Forum
President of Korea Expressway Corporation*



Forum Overview



DATE May 28(Wed) ~ 30(Fri), 2025

VENUE Suwon Convention Center, Suwon, Korea

HOST Ministry of Land, Infrastructure and Transport (MOLIT), Suwon Special City

ORGANIZER 2025 Suwon ITS AP Forum Organizing Committee, ITS Korea

THEME Hyper-Connected Cities by ITS

Open to anyone interested in ITS

Equipment Manufacturers and Suppliers 	Service Developers and Providers 	Software Developers and System Integrators 	Automotive and Industrial Designers 	ITS Consultants and Financiers
Public Transports and Freight Operators 	International Organizations 	National Governments 	Regional, Local and Municipal Authorities 	Academia and Research Institutions

20+
Countries

10,000+
Participants

PROGRAM AT A GLANCE (Draft)

Time	May 27 (Tue)	May 28 (Wed)		May 29 (Thr)		May 30 (Fri)	
09:30 ~ 10:30	Tech Visit	Opening Ceremony	Plenary Session 1	Plenary Session 2	Exhibition / Biz-Matching / ITS Thon / Tech Visit	Sessions	Exhibition (Public Day) / Biz-Matching / ITS Thon
11:00 ~ 12:30		Sessions				High-Level Roundtable	
12:30 ~ 14:00		Lunch	VIP Luncheon	Lunch		Lunch	
14:00 ~ 15:30		Sessions		Sessions		Closing Ceremony	
16:00 ~ 17:30		Sessions		Sessions			
18:30 ~		VIP Dinner	Welcome Reception			Gala Dinner	

- May 30 (Fri): Exhibition open to the public.
- The program schedule is subject to change.

Forum Highlights

1. Session Program

Plenary Sessions

Global leaders from politics, business, and academia will present key initiatives and emerging issues related to Hyper-Connected Cities by ITS. These sessions will offer a comprehensive view of the latest trends, market insights, and political directions that shape the future of ITS.

Executive Sessions

High-level government officials and top executives from research institutions and global companies will discuss critical challenges, impactful projects, and future initiatives. These sessions will provide strategic insights to guide the ITS industry forward.

Special Sessions

These sessions will focus on specific ITS topics, covering government policies, industry developments, and academic research. Experts will dive deep into specialized subjects, fostering in-depth discussions on the deployment and advancement of ITS.

Scientific / Technical Sessions

Highlighting progress in both scientific and technical realms, these sessions will showcase the latest academic research and practical applications of ITS technologies, reflecting their impact on our daily lives.

2. High-Level Roundtable

As a key forum highlight, this exclusive meeting will bring together top officials, including Ministers, Vice-Ministers, and other Representatives from around 20 countries, to share national ITS advancements and engage in strategic discussions. This gathering aims to drive international collaboration and shape the future of global ITS development.

3. Student Program: Nurturing Future Leaders

ITS Thon: Youth Innovation Challenge

Young innovators will participate in an ITS-related competition. The best team, selected through a judging process, will be awarded during the closing ceremony, highlighting the creativity and vision of the next generation of ITS leaders. For more detailed information about the competition and awards, please refer to the Forum website.

Student Forum

This platform will invite all students (both undergraduate and graduate) participating in this forum to network with peers, and engage in discussions that will shape the future of ITS. It provides students with the opportunity to contribute to the global ITS dialogue and build connections with fellow participants from various countries.

Forum Concept

Theme: Hyper-Connected Cities by ITS

The theme, "Hyper-Connected Cities by ITS," encapsulates the ongoing transformation towards a more interconnected and intelligent society within the Asia-Pacific region, driven by the advancements in Intelligent Transport Systems (ITS). The rapid evolution of digital technologies, the widespread adoption of smartphones, and the insights gained from the COVID-19 pandemic are accelerating our journey toward a hyper-connected future. Technologies such as AI, autonomous driving, MaaS, and shared personal mobility are increasingly linking people and cities, enhancing urban traffic efficiency, and offering citizens personalized mobility solutions. These innovations are not only improving convenience but are also driving the transition towards safer and more sustainable cities, in line with the future vision of mobility in the region.

Connectivity

This concept emphasizes the growing interconnection between cities and citizens, facilitated by advanced technologies like AI, autonomous driving, and MaaS. The aim is to improve urban traffic flow and provide personalized mobility solutions that enhance the overall convenience and quality of urban life.

Sustainability

This concept highlights the pivotal role of smart mobility innovations in accelerating the transition to safer, more sustainable cities. Developing sustainable transportation systems is essential for protecting the environment and ensuring the long-term viability of urban areas.

Resilience

This concept draws on the rapid advancements in digital technology and the lessons learned from the COVID-19 pandemic, emphasizing the importance of preparing cities to be more resilient to future challenges. The focus is on maintaining a connected and sustainable society, even in the face of climate crisis or disasters, leveraging innovations in mobility to ensure cities can quickly respond and recover from them.

Topics and Subtopics

1. Smart Infrastructure and Data Ecosystem

- 1-1 Big Data Collection and Analysis
- 1-2 Smart Transport Infrastructure
- 1-3 Communication Networks and Connectivity

2. Connected and Automated Vehicles

- 2-1 Automated Driving System
- 2-2 Automated Public Transportation
- 2-3 Cooperative and Connected Vehicles
- 2-4 Digital and Physical Infrastructure Supporting CAV

3. Mobility Service Innovation

- 3-1 Mobility Service Platforms / MaaS
- 3-2 Shared Mobility
- 3-3 Demand-Responsive Transport
- 3-4 Intelligent Logistics and Delivery
- 3-5 AI in Mobility
- 3-6 Future Transport Systems

4. Safety and Security

- 4-1 Traffic Safety Systems
- 4-2 Cyber Security
- 4-3 Emergency Response and Management
- 4-4 Protection for Pedestrians and Vulnerable Road Users

5. Policy, Regulation, and Governance

- 5-1 Standardization
- 5-2 Law and Regulation
- 5-3 Policy and Governance
- 5-4 Citizen Engagement and Education

6. Eco-Friendly and Sustainable Mobility

- 6-1 Electrification and Alternative Energy
- 6-2 Sustainable Urban Transport
- 6-3 Smart City Solutions
- 6-4 Lifecycle Assessment

7. Essential Elements for ITS Adoption

- 7-1 Funding and Financing for Projects
- 7-2 Micromobility and Minority Access Needs
- 7-3 Equity, Accessibility, Feasibility, and Affordability

Submission Guidelines

Scientific/Technical Papers

We invite submissions that reflect the breadth and depth of ideas in the ITS sector, addressing its challenges, trends and transformative opportunities. Your contributions will play a crucial role in enhancing collective knowledge and fostering dynamic exchanges among peers across the Asia-Pacific region.

Categories

- Scientific Papers: Scientific papers should adhere to rigorous academic standards. These papers will undergo a thorough review by highly qualified experts. Papers submitted as scientific but not meeting the required scientific criteria may still be considered as technical papers.
- Technical Papers: Technical papers can cover a wide range of topics, including technical, political, institutional, business, and economic aspects of ITS.

Required Information

- Paper Title
- Co-Author Information
- Draft Papers
 - Technical Paper(s): Not exceeding 4 pages in A4 size, PDF format
 - Scientific Paper(s): 7-8 pages in A4 size, PDF format
- Topic and Subtopic
- Keywords
- Author Information
- Abstract (250 words)

Notice

- Only online submissions will be accepted via Official Website. All papers must be written and presented in English.
- Scientific/Technical papers must meet rigorous scientific standards to convince reviewers.
- An acknowledgment of submission will be sent to your registered email address. This notification includes your paper tracking number and details but does not constitute acceptance.
- Both abstracts and papers must be uploaded to the 2025 Suwon ITS AP Forum website.
- For further information, please visit the official Forum website: www.itsap2025.org.

Special Session Proposals

The organizing committee of the 2025 Suwon ITS AP Forum invites proposals for Special Sessions, providing a platform for in-depth discussions on recent and significant issues with relevant experts.

Required Information:

- Session Topic
- Organization and Organizer Details, including Contact Information
- Names, Job Titles, Companies, and Countries of 4-5 Potential Speakers
- Proposed Session Title
- Name, Job Title, Company, and Country of the Moderator
- A maximum 250-word description of the session content

Submission Deadline for Papers & Special Session Proposals

The selection outcome for Papers and Special Session Proposals, following the review process, will be sent by February 2025. All the Speakers and Moderators of accepted Papers and Special Sessions must register and complete payment for the Forum to be included in the final program.

Suwon Special City



Suwon: Where Tradition Meets the Future

Nestled in the heart of South Korea, Suwon Special City is known as the "City of Hyo (Filial Piety)" rich in history and culture. This city tells the poignant and moving story of King Jeongjo of the Joseon Dynasty and his father, Crown Prince Sado. Crown Prince Sado faced a tragic fate in 1762, and to honor his father's memory, Jeongjo relocated Sado's tomb from Yangju to the beautiful Suwon, known for its harmonious natural scenery and auspicious qualities.

In 1789, captivated by Suwon's charm, King Jeongjo initiated the construction of Hwaseong Fortress, which is now a UNESCO World Heritage site. This fortress was part of Jeongjo's vision to create a planned city and is connected to the roads that King Jeongjo traveled from Hanyang during his 24-year reign. Today, this road is used as Korea's National Route 1. Thanks to this historical legacy, Suwon has become the first city in South Korea to implement ITS.

As time has passed, Suwon has evolved into a vibrant city where history gracefully intertwines with modernity. As a leader in ITS, the city embodies innovation while respecting tradition.

Suwon awaits you with open arms, ready to welcome you to a place where the past, present, and future converge!



January 13, 2022
Establishment of Suwon Special City



Size
121 km²



Population
1.23 million
(As of April 30, 2024)



Administrative division
44 administrative divisions (dong)

General Information



Suwon Convention Center

The Suwon Convention Center boasts a spacious area of 57,000 square meters and features a large exhibition hall that can accommodate up to 2,000 people, along with over 30 versatile meeting rooms. Equipped with the latest audio and visual technology, the center supports events of all kinds with top-notch quality. The main exhibition hall covers approximately 10,000 square meters, and each meeting room can be flexibly configured to suit various types of seminars and workshops.

Visa

Any foreign visitors wishing to enter the Republic of Korea must have a valid passport (at least 6 months) and obtain an entry visa before landing. Generally, a person who plans for a short period of time on the purpose of attending events or meeting is eligible to apply short-term general visa such as C-3 type of visas. It is highly recommended to apply at least 1 month before your visit. But ordinary passport holders from 113 countries who wish to visit Korea temporarily are permitted to enter without a visa according to the visa-exemption agreement or in accordance with principles of reciprocity or national interests. Please refer a visa waiver agreements between your country and Korea in your reference from Korean Visa Portal Official Homepage.

*K-ETA (Korean Electronic Travel Authorization) : K-ETA is an electronic travel authorization that visa-free foreign visitors need to obtain before entering Korea by submitting relevant information such as their travel information. Nationals of countries eligible for visa-free entry are required to get K-ETA approval to board the flight or ship bound for Korea. Please keep in mind that K-ETA assessment can take more than 72 hours, therefore apply your visa with sufficient time.

Weather

The average temperature at the end of May is mild, with daytime temperatures around 20–25°C (68–77°F) and cooler evenings. Skies are mostly clear, with low humidity and occasional light rain.

Currency

The currency of Korea is the Korean Won (KRW), symbolized as ₩. Bills include the ₩1,000, ₩5,000, ₩10,000, and ₩50,000, and coins include ₩10, ₩50, ₩100, and ₩500 coins. The exchange rate is about 1,100 won for USD (The exchange rate varies depending on the circumstances.)

Electricity

The standard voltage in Korea is 220 volts. The outlet has two round holes and is the same type used in France, Germany, Austria, Greece, Turkey, and many other countries.



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Important Dates for Submissions

Paper submission open	November, 2024
Deadline for paper and special session proposal	January 31, 2025
Notification of acceptance	February, 2025
Deadline for conditionally accepted paper resubmissions	February, 2025
Deadline for the final paper submission	March, 2025
Presenting author registration deadline	April, 2025



<https://itsap2025.org>



Contacts

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