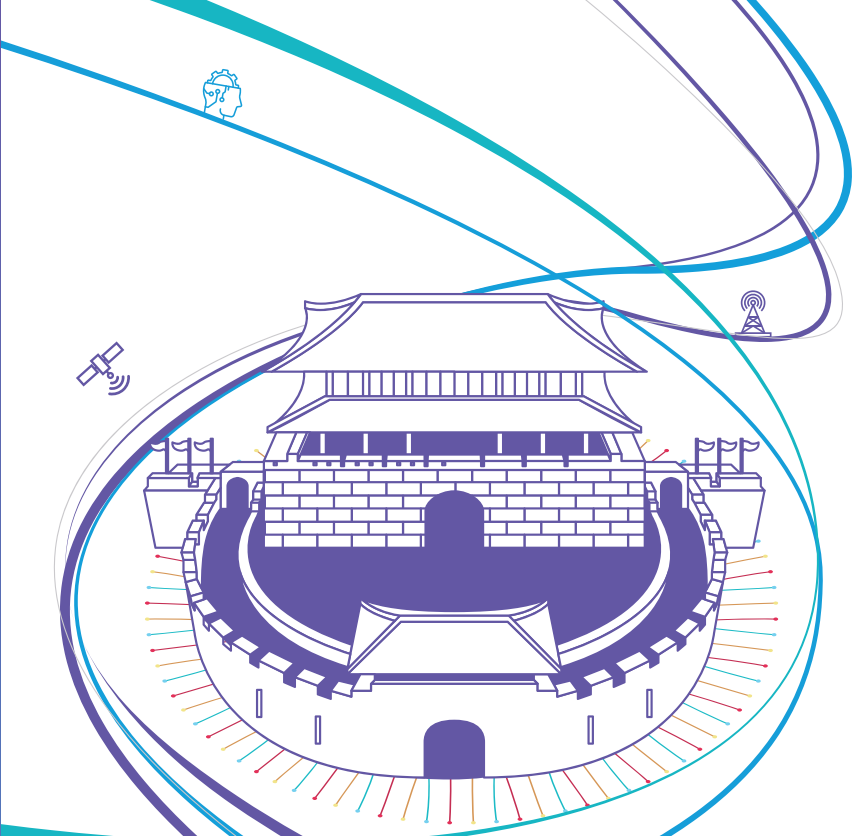


HYPER-CONNECTED
CITIES BY ITS

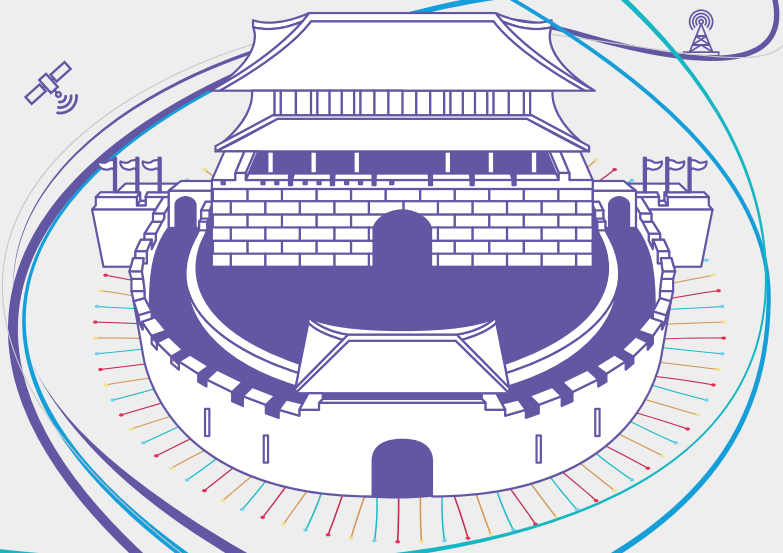
ITS가 제시하는 초연결 도시

2025 SUWON AP FORUM

2025 수원 ITS 아태총회

2025. 5. 28-30
Suwon Convention Center

PROGRAM BOOK



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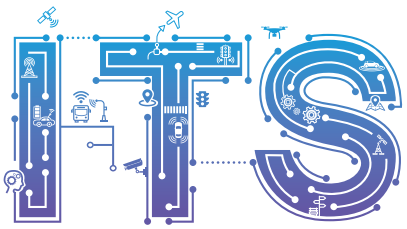

2025
SUWON
AP FORUM

2025 수원 ITS 아태총회

HYPER-CONNECTED CITIES BY ITS
ITS가 제시하는 초연결 도시

May 28-30, 2025
Suwon Convention Center, Suwon, Republic of Korea

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

"제20회 지능형교통체계(ITS) 아시아-태평양 총회가 대한민국 수원에서 개최됩니다."

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

"ITS가 제시하는 초연결 도시 (Hyper-Connected Cities by ITS)" 라는 주제로 열리는 이번 총회에서는 ITS를 기반으로 다양한 교통수단과 사람이 도시의 경계를 넘나들며 밀접하게 연결되는 모습을 보여주고자 합니다.

ITS는 버스, 지하철 등 다양한 교통 수단을 유기적으로 연결하여 편의성과 이동성을 강화하고, 실시간 도로상황을 분석하여 교통 흐름을 원활히 할 수 있습니다. 이와 함께, 수요응답형 교통체계(DRT), 개인형 모빌리티(PM) 등 맞춤형 서비스도 제공하고 있습니다.

이번 총회에서는 ITS를 중심으로 주요 국가에서 진행하고 있는 교통혁신 사례를 공유하며, 지속가능한 미래 모빌리티 발전 방향을 논의하고자 합니다. 다양한 주제의 학술회의, 기업의 신기술을 소개하는 전시회, 기술시연, 비즈니스 매칭 등 풍성한 프로그램도 함께 구성할 계획입니다. 아태총회가 개최되는 수원은 1997년부터 ITS를 도입해 지속적으로 고도화하고 있는 첨단 모빌리티 도시입니다. 수원에 오시면 ITS가 제시하고 있는 지역 간, 지역 내 초연결도시로 가는 미래도시의 모습을 보실 수 있을 것입니다.

ITS의 미래를 직접 체험하고, 도시 발전의 새로운 가능성을 함께 논의하는 특별한 자리에 함께 해주시길 바랍니다.

감사합니다.

Sangwoo Park

Honorable Chairman, Organizing Committee, 2025 Suwon ITS AP Forum

Minister of Land, Infrastructure, and Transport

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

"2025년 5월 열리는 제20회 수원 ITS 아시아-태평양 총회에 여러분을 초대합니다."

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 Emergency Vehicle Preemption System linked with traffic signals.

Our path forward is 'Hyper-Connected'. ITS technology will connect not only roads but also technologies, people, and even local governments in the Asia-Pacific region as one. Suwon will spare no effort to ensure that this forum will serve as a sound platform to share outcomes of ITS and value achieved by local 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.

수원은 한국에서 ITS를 처음 시도한 도시 중 하나입니다.

27년 전 '교통정보 수집·제공 시스템'을 도입하며 ITS 분야를 개척해 왔습니다. 지금도 누구나 스마트폰으로 내가 탈 버스가 언제 오는지 알 수 있고, 어플리케이션으로 'DRT'를 부를 수도 있습니다. 교통에서 더 나아가, 신호등과 연계한 '긴급차량 우선 신호시스템'으로 사람의 생명까지 지켜내고 있습니다.

우리가 나아갈 방향은 '초연결(Hyper-Connected)'입니다.ITS 기술이 도로뿐 아니라 기술과 사람, 나아가 아시아 태평양 지방정부를 하나로 연결할 거라 믿습니다. 이번 총회가 수원을 비롯한 도시 정부들이 이뤄낸 ITS 성과와 가치를 나누는 자리가 되도록 온 힘을 다하겠습니다. 여러분께서도 값진 지혜와 혜안으로 자리를 빛내주셨으면 좋겠습니다.

수원에서 여러분을 만날 날을 기다리겠습니다.

고맙습니다.

이재준

Jae Joon Lee

Honorable Chairman, Organizing Committee, 2025 Suwon ITS AP Forum

Mayor of Suwon Special City

"Innovation with Seamless Connectivity Drives Future Mobility!"

"미래 모빌리티는 연결을 통한 혁신에서 시작됩니다!"

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 in daily life 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.

현대 사회에서 교통은 우리의 일상은 물론 국가 경제와 밀접하게 연결 되어 있습니다. 따라서 코로나19나 기후 위기 등 자연재난과 같은 예상치 못한 충격에도 흔들림 없는 교통체계 유지가 중요합니다. 지속 가능한 교통체계 실현을 위한 모빌리티 혁신은 이제 전 세계의 공동 목표가 되었으며, 기술의 발전은 이러한 초연결·초지능·초융복합 사회로의 변화를 가속화하고 있습니다.

미래 모빌리티 시대는 이미 시작됐습니다. 디지털, AI, 드론 등 첨단기술의 접목을 통해 효율성과 안전성을 높이기 위한 교통체계가 하루가 다르게 발전하고 있습니다. 탄소중립과 친환경 이동 수단들도 개발되고 있습니다. 한국은 지난 수십 년간 도로 인프라와 ITS 서비스 혁신을 통해 초연결 시대를 준비해 왔습니다. 특히, 미래형 고속도로와 스마트 톨링 시스템 등 첨단 교통체계를 선제적으로 구축한 결과 모빌리티 산업은 국가 경제의 신성장동력으로 자리매김하고 있습니다.

2025 수원 ITS 아태총회는 'Hyper-Connected Cities by ITS(ITS가 제시하는 초연결 도시)'를 주제로 한국의 기술, 정책, 성과를 아태 국가들과 공유하고 미래 모빌리티 생태계 조성을 위한 연대의 장이 될 것입니다. 이번 총회가 초연결 시대의 지속 가능한 ITS 발전을 위한 중요한 계기가 되길 바라며, 국내외 ITS 관계자 여러분의 지속적인 참여와 성원을 부탁드립니다.

감사합니다.

Jin-gyu Ham

Chairman, Organizing Committee, 2025 Suwon ITS AP Forum

President of Korea Expressway Corporation

FORUM OVERVIEW
행사개요

2025 SUWON AP FORUM

ORGANIZATION

The ITS Asia-Pacific Board of Directors

Silje Troseth, WC BoD, ITS Australia
Dean Zabrieszach, AP BoD, ITS Australia
Bin Li, AP BoD & WC BoD, National ITS Center, China/China ITS Industry Alliance
Murphy Sun, AP BoD, ITS Taiwan
Philip Tseng, WC BoD, ITS Taiwan
Steven Lui, AP BoD, ITS Hong Kong
Charles So, WC BoD, ITS Hong Kong
William P. Sabandar, AP BoD & WC BoD, ITS Indonesia
Akio Yamamoto, Secretary-General of ITS Asia-Pacific & WC BoD, ITS Japan
Takehiko Barada, AP BoD & WC BoD, ITS Japan
Nobuyuki Ozaki, WC BoD, ITS Japan
Yoojin Chang, AP BoD, ITS Korea
Cheonghoe Heo, WC BoD, ITS Korea
Jooil Lee, WC BoD, ITS Korea
Ismail bin Md Salleh, AP BoD & WC BoD, ITS Malaysia
Armin Guttke, AP BoD & WC BoD, ITS New Zealand
Howie Sim, AP Bod & WC BoD, ITS Singapore
Tongkarn Kaewchalermthong, AP BoD & WC Bod, ITS Thailand

International Program Committee

So Jaehyun, Ajou University, Korea
Kim In hee, KAIST, Korea
Seon Ha Lee, Gongju Univ., Korea
Young-Jun Moon, KAIST, Korea
Tak Sehyun, Korea Transport Institute, Korea

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SUM SMART YOUR MOBILITY

HANGILHC Traffic System Specialized Company

DAEYEONG UBITEC

RMTech Road Master Technology

(주)휴먼시스템즈 HUMAN SYSTEMS Co.,Ltd.

현대아이티에스전자(주) HYUNDAI ITS ELECTRON CO., LTD.

SD SYSTEM

ZENOSYS

Media Partner

ITSNEWS

FORUM OVERVIEW

THEME

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 crises or disasters, leveraging innovations in mobility to ensure cities can quickly respond and recover from them.

Hyper-Connected Cities by ITS
ITS가 제시하는 초연결 도시

"ITS가 제시하는 초연결 도시"라는 주제는 아시아-태평양 지역 내에서 지능형 교통 체계(ITS)의 발전에 의해 더욱 연결되고 지능화된 사회로의 변화를 이야기합니다. 디지털 기술의 급속한 진화, 스마트폰의 광범위한 보급, COVID-19 팬데믹에서 얻은 통찰력은 우리가 초연결 미래로 나아가는 여정을 가속화하고 있습니다. 인공지능(AI), 자율주행, 모빌리티 서비스(MaaS), 개인 공유 이동수단과 같은 기술들은 사람과 도시를 더욱 밀접하게 연결하며, 도시 교통 효율을 높이고 시민들에게 맞춤형 교통 방법을 제공합니다. 이러한 혁신은 편리성을 향상시킬 뿐만 아니라, 더 안전하고 지속 가능한 도시로의 전환을 촉진합니다.

연결성

연결성은 AI, 자율주행, MaaS와 같은 첨단 기술에 의해 도시 간, 그리고 시민 간의 연결이 강화되는 현상을 강조합니다. 도시 교통 흐름을 개선하고, 시민의 편리함과 도시 생활의 질을 높이는 맞춤형 이동 솔루션을 제공하는 것입니다.

지속가능성

지속가능성은 더 안전하고 지속 가능한 도시로의 전환을 가속화하는 데 있어 스마트 모빌리티 혁신이 중요한 역할을 한다는 점을 강조합니다. 지속 가능한 교통 시스템을 개발하는 것은 환경 보호와 도시 지역의 장기적인 지속가능성을 보장하기 위해 필수적입니다.

회복탄력성

회복탄력성은 디지털 기술의 급속한 발전과 COVID-19 팬데믹에서 얻은 교훈을 반영하여, 미래의 도전에 더욱 잘 대비할 수 있도록 도시를 준비시키는 중요성을 강조합니다. 기후 위기나 재해가 발생해도 연결되고 지속 가능한 사회를 유지하는 데 중점을 두며, 이동 혁신을 활용해 도시가 신속하게 대응하고 회복할 수 있도록 도움을 줍니다.

FORUM OVERVIEW

PROGRAM AT A GLANCE

May 27 (Tue)

		Out door
09:00 - 17:30		**Tech Visit**
18:00 - 20:20	**VIP Dinner**	

May 28 (Wed)

	206	204	105+106	104	103	101+102	Convention 3	3F Lobby	Exhibition Hall	401	Out door
08:30											
09:00											
09:30											
10:00	**Opening Ceremony (Convention Hall 1+2, 3F)**										
10:30											
11:00	**Plenary Session I (Convention Hall 1+2, 3F)**										
11:30											
12:00											
12:30	Lunch										
13:00								**PS01** Big Data Collection and Analysis			
13:30							**High-Level Roundtable** 13:30-15:00				
14:00	**OS01** Big Data Collection and Analysis I		**SS01** Inclusive Connectivity for Future Cities	**OS04** Automated Driving System II	**OS02** Automated Driving System I	**ES01** Exploring Current Status and Future Strategies on ITS in Asia Pacific Region I			**Exhibition & Demo**		
14:30								**PS02** Smart Transport Infrastructure		**ITS Thon**	
15:00											
15:30	Break										
16:00	**OS03** Big Data Collection and Analysis II	**SS13** Connection for Growth: Indonesia's Journey Toward Sustainable and Intelligent Urban Mobility	**SS03** Global Autonomous Driving Clusters		**SS02** Data Driven Urban Mobility Innovation	**ES02** Exploring Current Status and Future Strategies on ITS in Asia Pacific Region II		**PS03** Connected and Automated Vehicles			**Tech Visit**
16:30											
17:00											
17:30											
18:30 - 20:00	**Welcome Reception (Exhibition Hall)**										

May 29 (Thu)

	206	205	105+106	104	103	101+102	3F Lobby	Exhibition Hall	401	Out door
08:30										
09:00	**Plenary Session 2 (Convention Hall 1+2, 3F)**						**PS04** Mobility Service Innovation I	**Exhibition & Demo**		
09:30										
10:00									**ITS Thon**	
10:30	Break						**PS05** Mobility Service Innovation II			
11:00	**OS05** Smart Transport Infrastructure I	**OS06** Sustainable Urban Transport I	**SS05** Future Road Design Changes for the Adoption of AV	**OS07** Smart City Solution	**OS08** Automated Driving System III	**ES03** Shifting to Green Transport: Eco-Friendly and Sustainable Solutions				
11:30										
12:00							**PS06** Smart Infrastructure & Mobility Innovation			
12:30	Lunch									
13:00										
13:30							**PS07** Traffic Safety Systems			
14:00	**OS09** Smart Transport Infrastructure II	**OS10** Sustainable Urban Transport II	**SS06** Development of Detection and Prediction for Blacklce	**OS11** New Mobility and Transit Accessibility	**OS12** Cooperative and Connected Vehicles	**ES04** Shaping Innovative and Intelligent Mobility				**Tech Visit**
14:30										
15:00							**PS08** Safety and Security I			
15:30	Break									
16:00	**OS13** Big Data Analytics and Platform	**OS14** Sustainable Urban Transport III		**SS08** Key Success Factors for Multilane Free-Flow ETCS	**OS15** CAV and Digital Infrastructure	**OS16** Shared Mobility				
16:30										
17:00										
17:30										
18:00 - 20:00	**Gala Dinner (Convention Hall 1+2, 3F)**									

May 30 (Fri)

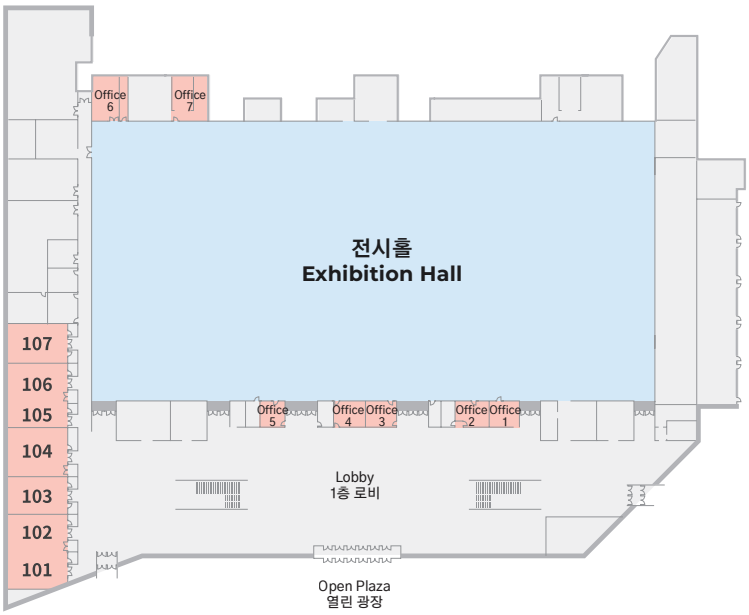
	206	205	105+106	104	103	101+102	3F Lobby	Exhibition Hall	401	Out door
08:30										
09:00	**OS17** Future Transport Systems I	**OS18** Standardization and Policy	**SS09** Enhancing Transport Services with K-NTIC	**OS19** New Safety and Security I	**OS20** Emergency Response and Management	**OS21** Protection for Pedestrians and Vulnerable Road Users	**PS09** Safety and Security II	**Exhibition & Demo**		
09:30										
10:00									**ITS Thon**	
10:30	Break						**PS10** Policy, Regulation and Governance			
11:00	**OS22** Future Transport Systems II	**OS23** Policy and Governance		**OS24** New Safety and Security II	**OS25** AI in Mobility					
11:30										
12:00							**PS11** Essential Elements for the ITS Adoption			
12:30	Lunch									
13:00										
13:30										
14:00 - 15:00	**Closing Ceremony (Convention Hall 1+2, 3F)**									

PL Plenary Session
ES Executive Session
SS Special Session
OS Oral Session
PS E-Poster Session

FORUM OVERVIEW

FLOOR PLAN 장소사용계획

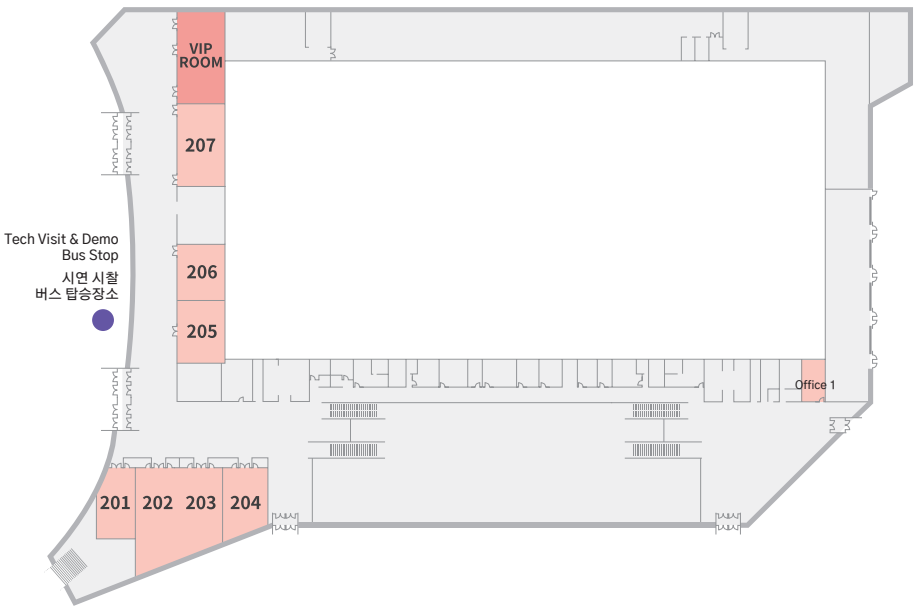
1F



Exhibition Hall 1+2+3	Exhibition 전시회
	Business Matching 비즈니스상담회
	Networking Lounge 네트워킹라운지
	Lunch 점심식사
	Conference Stage 컨퍼런스 무대
	Demonstrations 기술시연
	Welcome Reception (May 28) 환영리셉션
101+102	Session Room 세션장
103	Session Room 세션장
104	Session Room 세션장
105+106	Session Room 세션장
Open Plaza 열린광장	Busking Performance 버스킹
	Food Truck & Lounge 푸드트럭 & 라운지

1F Lobby 1층 로비	Photo Zone & Info Board 포토존
	Registration 등록
	ITS FUN (Flea Market, Hands-on Zone)
	ITS FUN (플리마켓, 체험존)
	Tech-Visit&Demo Booth 기술시찰시연
Office 1	ITS FUN Storage Room 물품보관소
Office 2	ITS FUN Storage Room 물품보관소
Office 3	Emergency Operation Center 비상안전상황실
Office 4	ITS AP Secretariat ITS AP 사무국
Office 5	Exhibition Office 전시사무국
Office 6	Exhibitor's Storage Room 전시물품보관실
Office 7	Exhibitor's Storage Room 전시물품보관실

2F

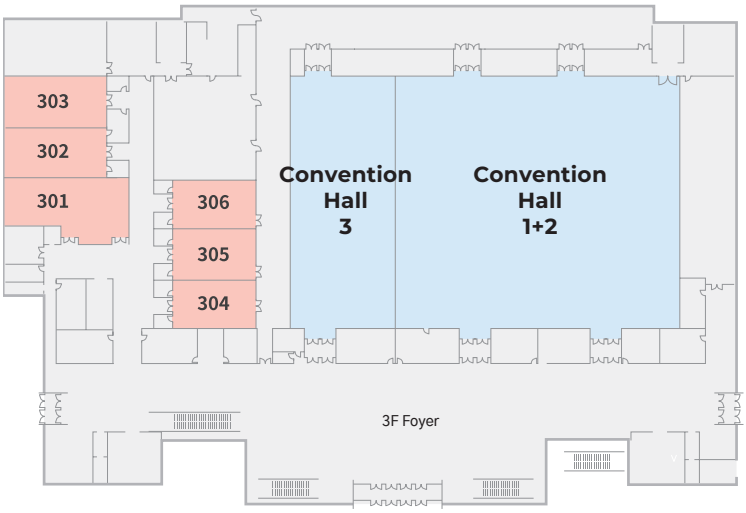


201	Preview Room 연사 프리뷰실
204	Session Room 세션장
205	Session Room 세션장
206	Session Room 세션장
207	PCO Office PCO 사무실
Office1	Prayer Room 기도실

FORUM OVERVIEW

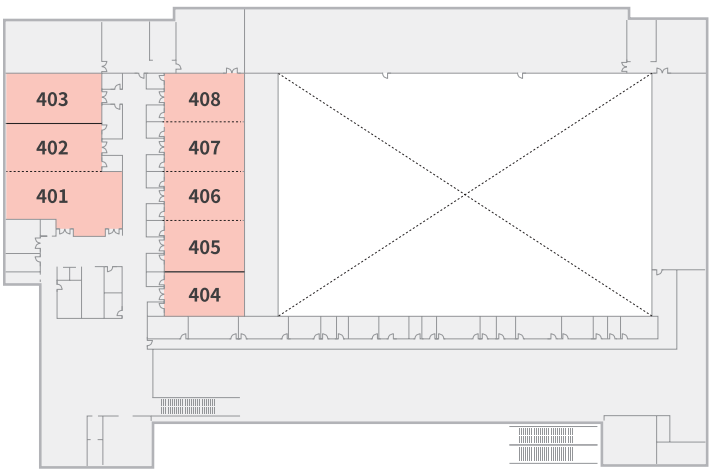
FLOOR PLAN 장소사용계획

3F



Convention Hall 1+2	Opening Ceremony (May 28) 개회식
	Plenary I, II (May 28, 29) 전체회의 I, II
	Gala Dinner (May 29) 갈라디너
	Closing Ceremony (May 30) 폐회식
301	Committee Lounge 위원회 라운지
302	Press Room 기자실
303	ITS APF Secretariat ITS APF 사무국
Convention Hall 3	High-Level Roundtable 고위급회의
3F Foyer	Suwon Lounge, e-Poster Presentation 수원라운지, 포스터발표
304	VIP Room VIP실
305	Bilateral Meeting Room I 국별면담실 I
306	Bilateral Meeting Room II 국별면담실 II

4F



401	ITS Thon ITS 아이디어 톤
402-408	Side Events 부대행사

OFFICIAL PROGRAM 공식행사

OPENING CEREMONY 개회식

2025 Suwon ITS Asia-Pacific Forum will commence with an official Opening Ceremony, to which all participants are cordially invited. Following the ceremony, a special commemorative performance celebrating the 20th anniversary of ITS Asia-Pacific will take place, followed by a celebratory cultural performance. We warmly invite you to join us for this meaningful occasion as we celebrate the achievements of the past two decades and embark on a new journey toward a smarter, more connected future.

2025 수원 ITS 아시아-태평양 총회는 공식 개회식을 시작으로 본격적인 여정을 시작합니다. 개회식 이후에는 ITS 아시아-태평양 20주년을 기념하는 특별 퍼포먼스와 축하 문화공연이 이어집니다.
지난 20년의 발자취를 돌아보고, 더 스마트하고 초연결된 미래로 나아가는 길을 함께하는 의미 있는 시간이 될 것입니다.

DATE & TIME 10:00-10:50, May 28 (Wed)
PLACE Convention Hall 1+2, 3F

PROGRAM

· Pre-Ceremony Performance	식전공연
· Opening Video	주제영상 상영
· Opening Remarks	개회사
· Welcoming Remarks	환영사
· Congratulatory Remarks	축사
· Celebratory Cultural Performance	특별축하공연
· ITS AP 20th Anniversary Performance	ITS 아태총회 20회 기념퍼포먼스

OFFICIAL PROGRAM 공식행사

CLOSING CEREMONY 폐회식

The 2025 Suwon ITS Asia-Pacific Forum will conclude with an official Closing Ceremony, marking the end of three days of dynamic discussions, innovation, and collaboration.The ceremony will feature the presentation of Best Paper Awards, the announcement of winners from the ITS Ideathon, and the introduction of the next host country for the Forum.We invite all participants to join us in celebrating the outstanding contributions made during the Forum and in looking ahead to the future of ITS in the Asia-Pacific region.

2025 수원 ITS 아시아-태평양 총회는 3일간의 열띤 논의와 혁신적인 교류를 마무리하며 공식 폐회식으로 막을 내립니다. 폐회식에서는 우수논문 시상, ITS 아이디어톤 수상자 발표, 차기 개최국 소개 등이 진행됩니다. 이번 총회의 성과를 되돌아보고, 아시아-태평양 ITS의 미래를 조망하는 자리입니다.

DATE & TIME 14:00-15:00, May 30 (Fri)
PLACE Convention Hall 1+2, 3F

PROGRAM

· Closing Remarks	폐회사
· Farewell Address	환송사
· Summary Report of the Forum	총회결과보고
· Highlight Video	하이라이트 영상
· Awards Ceremony	시상식
· Introduction of the Next Host City	차기개최지 소개
· Declaration of Closing	폐회선언

SOCIAL PROGRAM 사교행사

WELCOME RECEPTION 환영리셉션

The Welcome Reception marks the official start of the 2025 Suwon ITS AP Forum and is open to all paid registrants. Held in a casual standing format, the event features a special performance by a pop soprano and a buffet-style dinner that participants can enjoy freely. It offers a relaxed and friendly atmosphere where attendees can meet, mingle, and build connections with peers from across the region and beyond.

ITS 아시아-태평양 총회의 시작을 알리는 환영 리셉션은 유료 등록자 누구나 참여할 수 있는 열린 네트워킹 행사입니다. 팝 소프라노의 특별 공연과 함께 뷔페를 자유롭게 즐기며 참가자 간 교류가 이루어지는 스탠딩 리셉션 형식으로 진행됩니다. 편안한 분위기 속에서 다양한 국가와 기관의 참가자들이 자연스럽게 인사를 나누는 소중한 만남의 자리입니다.

DATE & TIME 18:30-20:00, May 28 (Wed)
PLACE Exhibition Hall, 1F

GALA DINNER 갈라디너

The Gala Dinner offers a refined evening where guests can enjoy an elegant meal alongside the rich cultural and artistic heritage of Suwon. Prior to the dinner, a pre-reception will feature delightful mini-events that enhance the festive atmosphere. The evening culminates with beautiful performances by the Suwon Philharmonic Orchestra and a children's choir, delivering a memorable experience filled with cultural exchange and emotional resonance.

갈라 디너는 품격 있는 만찬과 함께 수원의 문화예술을 경험할 수 있는 특별한 저녁입니다. 사전 리셉션에서는 다양한 소소한 이벤트가 즐거운 분위기를 더하고, 본 만찬에서는 수원시립교향악단과 어린이 합창단의 아름다운 공연이 어우러져 감동을 더합니다.

DATE & TIME 18:00-20:00, May 29 (Thu)
PLACE Convention Hall 1+2, 3F

FORUM OVERVIEW

HIGH-LEVEL ROUNDTABLE 고위급회의

About 12 ministers from across the Asia-Pacific will attend the 20th Suwon ITS Asia-Pacific Forum to discuss policy directions for future mobility and share insights to help realize sustainable and inclusive cities through ITS.
(Invitation Only)

아시아·태평양 지역 각국의 장관 약 12명이 제20회 수원 ITS 아·태 총회에 참석하여 미래 모빌리티를 위한 정책 방향을 논의하고, ITS를 통해 지속가능하고 포용적인 도시 구현을 위한 인사이트를 공유합니다.
(초청자에 한함)

DATE & TIME 13:30-15:00, May 28 (Wed)
PLACE Convention Hall 3, 3F

KEY PARTICIPANTS 주요참석자

South Korea
한국

Bhutan
부탄

Brunei Darussalam
브루나이다루살람

Cambodia
캄보디아

Fiji
피지

Malaysia
말레이시아

Mongolia
몽골

Nepal
네팔

Philippines
필리핀

Sri Lanka
스리랑카

Uzbekistan
우즈베키스탄

Vietnam
베트남

SCIENTIFIC PROGRAM
학술 프로그램

2025 SUWON AP FORUM

SCIENTIFIC PROGRAM

PLENARY SESSIONS

PL 1. Connecting City to City : Challenges and Solutions in Urban Transport

The session "Connecting City to City: Challenges and Solutions in Urban Transport" explores strategies for strengthening connectivity between urban and suburban areas, with a focus on the metropolitan area. Discussions will include the use of automated driving and AI technologies to improve transportation efficiency, as well as C-ITS systems for optimized traffic flow management. Additionally, the session will review cross-national policies, encouraging collaboration on smart transport solutions. These advancements aim to create a hyper-connected network, enhancing urban mobility and contributing to a better quality of life for all.

DATE & TIME 11:20~12:40, May 28 (Wed)
PLACE Convention Hall 1+2, 3F

MODERATOR **Keechoo Choi**, President of Ajou University, Korea
SPEAKERS **Na Yoon Heo**, Director, Smart Road Team, MOLIT, Korea
Sho Sasamoto, Logistics and Road Transport Bureau Director for Validation of Automated-Driving technology, Ministry of Land, Infrastructure, Transport and Tourism, Japan
Jeong hee Kim, President, Korea Agency for Infrastructure Technology Advancement(KAIA), Korea
Alvin CHIA, Senior Group Director, Land Transport Authority Traffic & Road Operations, Singapore
Thanattaporn Rasamit, Section Chief of Sustainable Transport Section, Transport Division, UN ESCAP

PL 2. Connecting Cities and People : Towards Safe, Inclusive and Resilient Mobility

The session "Connecting Cities and People: Towards Safe, Inclusive, and Resilient Mobility" aims to create safe, inclusive, and resilient transportation systems. Addressing safety, advancements in traffic management, and autonomous systems will be highlighted. Centered on inclusiveness, it will examine strategies for equitable access, including nomadic device-based apps tailored to vulnerable road users (VRUs), as well as micro-mobility options like e-scooters and bikes, and Mobility as a Service (MaaS) to bridge first and last mile gaps. The session will also discuss climate-resilient transport solutions to withstand and recover from natural disasters, supporting sustainable urban living standards.

DATE & TIME 09:00~10:30, May 29 (Thu)
PLACE Convention Hall 1+2, 3F

MODERATOR **Seon Ha Lee**, Professor, Gongju Univ., Korea
SPEAKERS **Laura D. Chace**, CEO, ITS America, USA
Sang Hyun Park, Senior Vice President, Kakao Mobility Corp., Korea
Ralf Peter, Vice President, TomTom, Australia
Andy Park, Executive Director, Qualcomm, Korea

SCIENTIFIC PROGRAM

EXECUTIVE SESSIONS

ES 1. Exploring Current Status and Future Strategies on ITS in Asia Pacific Region I

The session, "Exploring Current Status and Future Strategies on ITS in the Asia-Pacific Region, " will provide an in-depth overview of ongoing ITS initiatives across the Asia-Pacific. Experts from various countries will discuss key developments, regional challenges, and innovative solutions driving Intelligent Transportation Systems forward. Participants will also have the opportunity to share strategic visions for the future, aiming to enhance collaboration, address region-specific needs, and shape the next phase of ITS deployment, thus advancing mobility, safety, and efficiency across the Asia-Pacific region

DATE & TIME 14:00~15:30, May 28 (Wed)
PLACE Room 101+102, 1F

MODERATOR **In hee Kim**, Professor, KAIST, Korea
SPEAKERS **Silje Troseth**, President, ITS Australia, Australia
Steven Lui, President, ITS Hong Kong, Hong Kong
William P. Sabandar, President, ITS Indonesia, Indonesia
Mohd Sharulnizam Sarip, Deputy President, ITS Malaysia, Malaysia
Jooil Lee, Executive Director/WCBoD, ITS Korea, Korea

ES 2. Exploring Current Status and Future Strategies on ITS in Asia Pacific Region II

The session, "Exploring Current Status and Future Strategies on ITS in the Asia-Pacific Region, " will provide an in-depth overview of ongoing ITS initiatives across the Asia-Pacific. Experts from various countries will discuss key developments, regional challenges, and innovative solutions driving Intelligent Transportation Systems forward. Participants will also have the opportunity to share strategic visions for the future, aiming to enhance collaboration, address region-specific needs, and shape the next phase of ITS deployment, thus advancing mobility, safety, and efficiency across the Asia-Pacific region.

DATE & TIME 16:00~17:30, May 28 (Wed)
PLACE Room 101+102, 1F

MODERATOR **Sehyun Tak**, Professor, Korea Transaport Institute, Korea
SPEAKERS **Akio Yamamoto**, President, ITS Japan, Japan
Armin Guttke, Chair/President, ITS New Zealand, New Zealand
Howie Sim, Acting President, ITS Singapore, Singapore
Philip Tseng, Vice President/WCBoD, ITS Taiwan, Chinese-Taipei
Tongkarn Kaewchalermtong, President, ITS Thailand, Thailand
Akhilesh Srivastava, President, ITS India, India

EXECUTIVE SESSIONS

ES 3. Shifting to Green Transport: Eco-Friendly and Sustainable Solutions

The session "Shifting to Green Transport: Eco-Friendly and Sustainable Solutions" focuses on advancing eco-friendly transportation to address climate change. It will explore innovations like electric and hydrogen vehicles, emphasizing reduced emissions and renewable energy integration. Discussion topics include strategies for implementing green technologies, challenges in scaling sustainable transit solutions, and the broader impacts on urban resilience and air quality. The session aims to foster sustainable development and resilience in response to climate change by highlighting the shift toward clean energy and green mobility.

DATE & TIME 11:00~12:30, May 29 (Thu)
PLACE Room 101+102, 1F

MODERATOR **Dean Zabrieszach**, CEO, HMI/Ohmio, Australia
SPEAKERS **Kazuko Ishigaki**, Regional Director, UN HABITAT
Silje Troseth, President, ITS Australia, Australia
Doug Wilson, Assoc. Prof., University of Auckland Transportation Research Centre, New Zealand
Seung Neo Son, Executive Director, ITS Korea, Korea

ES 4. Shaping Innovative and Intelligent Mobility

The session "Shaping Innovative and Intelligent Mobility" will focus on the latest advancements in ITS technologies designed to enhance urban transport efficiency, safety, and connectivity. It will cover cutting-edge solutions like Smart CCTV, Digital Twin technology, Smart Poles, and Smart Intersections, each playing a crucial role in creating responsive and adaptive urban infrastructure. These innovations enable real-time monitoring, traffic management, and data-driven insights, all contributing to a more intelligent and streamlined mobility experience that aligns with modern urban need.

DATE & TIME 14:00~15:30, May 29 (Thu)
PLACE Room 101+102, 1F

MODERATOR **Jaehyun So**, Assoc. Prof. Ajou University, Korea
SPEAKERS **Ralf Peter**, Vice President, TomTom, Australia
Yasushi Nakajima, Leader, Cooperative ITS Committee, ITS Japan, Japan
Mehdi Nourinejad, Asst. Professor, York University, Canada
Joanne Yu, Team Leader, T Money, Korea

SPECIAL SESSIONS

SS01 Inclusive Connectivity for Future Cities: Technology, Innovation, Environment, and People

The rapidly advancing Intelligent Transportation Systems (ITS) technology holds great potential to enhance urban sustainability and improve the quality of life for citizens. This session explores how technological innovation in the transportation sector can contribute to achieving the Sustainable Development Goals (SDGs) while emphasizing a people-centered and inclusive approach. In particular, it focuses on ways to foster empathy between cities and citizens through ITS technology and discusses strategies for building better future cities for all through collaboration with diverse stakeholders. We invite you to join us in exploring the role of innovation in connecting cities and people.

DATE & TIME	14:00~15:30, May 28 (Wed)
PLACE	Room 105+106, 1F
ORGANIZER	**Sukhee Kim**, Suwon Research Institute, Korea

MODERATOR	**Keechoo Choi**, Ajou University, Korea
SPEAKERS	**Juhyun Lee**, Xi'an Jiaotong-Liverpool University, China
	Hyungun Sung, Hanyang University, Korea
	Takashi Oguchi, Tokyo University, Japan
	Sophie Sturup, Xi'an Jiaotong-Liverpool University, China
	Ilsoo Yun, Ajou University, Korea
	Seungjae Lee, University of Seoul, Korea

SPECIAL SESSIONS

SS02 Data Driven Urban Mobility Innovation

In this session, we will discuss how leveraging big data, innovative data collection methods, and advanced analytics can drive the development of safer, pedestrian-friendly narrow streets, the introduction of new transportation modes and services, and the enhancement of traffic management. We will explore current challenges and future prospects, offering valuable insights into the evolving landscape of urban mobility. We will do our best effort to make this session for a thought-provoking discussion on the data-driven transformation of our cities!

DATE & TIME	16:00~17:30, May 28 (Wed)
PLACE	Room 103, 1F
ORGANIZER	**Manabu Umeda**, The University of Tokyo, Japan

MODERATOR	**Takashi Oguchi**, The University of Tokyo, Japan
SPEAKERS	**Sod Och Bolor**, Oriental Consultants Co., LTD, Kantou Branch, Japan
	Yurie Toyama, Nagoya University, The University of Tokyo, Japan
	Kai Li Lim, The University of Queensland, Australia
	Seungjae Lee, University of Seoul, Korea

SS03 Strategies and Collaboration Approaches for Global Autonomous Driving Clusters

The session aims to discuss cooperation strategies between countries and clusters to create a global collaborative technology ecosystem, focusing on key tasks and strategies for fostering mutual collaboration. Topics will include driving international joint research through connections between global autonomous driving clusters, securing a proactive position in global technology standards, conducting demonstration studies, and advancing mutual certification. Additionally, the session will provide an opportunity to introduce domestic and international cluster organizations and their key initiatives. Furthermore, the session will highlight the international joint research projects being led by KAIA based on the Autonomous Driving Innovation Cluster.

DATE & TIME 16:00~17:30, May 28 (Wed)
PLACE Room 105+106, 1F
ORGANIZERS **Seongil Kim**, KAIA, Korea
Hangeom Ko, Korea Automobile Testing & Research Institute, Korea

MODERATOR **Wongil Kim**, KAIA, Korea
SPEAKERS **Jung-ki Lee**, KATRI, Korea
Olaf Opdencamp, TNO MARQ, Netherland
Hyung-jin Ryu, HORIBA KOREA LTD. & HORIBA MIRA LTD., Korea

SPECIAL SESSIONS

SS05 Future Road Design Changes for the Adoption of Autonomous Vehicles

As the adoption of autonomous vehicles (AVs) emerges, numerous changes in the road infrastructure system are expected to be implemented. Given the current design of the existing road, the incorporation of AVs would greatly impact the traffic flow and road design elements, resulting in massive changes in urban areas. In particular, service area ('Flex Zone') is currently being considered as a representative area for the incorporation of AVs. Additionally, mixed traffic situation, which simultaneously accommodates both AVs and manually driven vehicles in the road, requires changes to the conventional traffic safety assessment method. To support the inclusion of AVs in the mixed traffic situation, AVs should be incorporated into the infrastructure systems. In this this special session, the implications of ongoing AV projects are presented and discussed, along with the impacts of the adoption of AVs to future road design.

DATE & TIME	11:00~12:30, May 29 (Thu)
PLACE	Room 105+106, 1F
ORGANIZER	**Jaehong Park**, Korea Institute of Civil Engineering and Building Technology, Korea

MODERATOR	**Dukgeun Yun**, Korea Institute of Civil Engineering and Building Technology, Korea
SPEAKERS	**Jaehong Park**, Korea Institute of Civil Engineering And Building Technology, Korea
	Junghwa Kim, Kyonggi University, Korea
	Cheol Oh, Hanyang University, Korea
	Jejin Park, Chonnam National University, Korea

SS06 Development of Detection and Prediction for Black Ice

The session highlights the critical need for a prediction response platform to Black Ice related accidents. By leveraging AI and multi-data integration, this research aims to enhance predictive accuracy and improve real-time road safety measures. The findings and recommendations from this session will support government agencies in formulating more effective traffic safety policies.

DATE & TIME 14:00~15:30, May 29 (Thu)
PLACE Room 105+106, 1F
ORGANIZER **Seongin Kang**, Korea Expressway Corporation Research Institute, Korea

MODERATOR **Seongin Kang**, Korea Expressway Corporation Research Institute, Korea
SPEAKERS **Seongin Kang**, Korea Expressway Corporation Research Institute, Korea
Jong Han Lee, In Ha University, Korea
Minkyo Youm, Advanced Institute of Convergence Technology (AICT), Korea
Mingeon Cho, Smartinside AI, Korea
Byungdo Heo, Nature IT, Korea

SPECIAL SESSIONS

SS08 Unlocking the Key Success Factors for Multilane Free-Flow Electric Toll Collection System

The Asia Pacific region is experiencing rapid growth in transportation infrastructure, with many countries adopting all-electronic and multilane free-flow systems for improving safety, smoothing traffic flow and reducing congestion. However, the success of these systems depends heavily on robust, forward-thinking legislation that enables best practices in implementation and operation. Too often, multilane free-flow is seen as a technology solution to a traffic engineer's problem. Without a modernized legal framework and business model that addresses enforcement, public engagement, and data security, multilane free flow projects risk falling short of expectations, leading to revenue loss, public frustration, and even project failure.
This special session provides policy makers and industry leaders with a practical roadmap for crafting business model and legislation framework that not only enables multilane free flow success but also fosters public trust and maximizes the economic benefits of these vital infrastructure investments.
By highlighting successful business model and legislative frameworks from around the world, as well as lessons learned, this session will provide valuable insights for policy makers and industry stakeholders seeking to optimize the benefits of multilane free flow in the Asia Pacific region and other regions around the world.

DATE & TIME	16:00~17:30, May 29 (Thu)
PLACE	Room 104, 1F
ORGANIZER	**S.K. Jason Chang**, ITS Taiwan and University of Taipei, Chinese Taipei

MODERATOR	**S.K. Jason Chang**, ITS Taiwan and University of Taipei, Chinese Taipei
SPEAKERS	**Rick Wang**, FETC International Co., Ltd., Chinese Taipei
	Matt Milligan, Milligan Partners, United States of America
	Sorawit Narupiti, Chulalongkorn University, Thailand
	Sang Chun Lee, Korea Expressway Corporation, Korea

SS09 Enhancing Transport Services with K-NTIC: AI, Big Data, and Future Strategies

The Korea National Transport Information Center (K-NTIC), operated under the Ministry of Land, Infrastructure, and Transport (MOLIT), has been at the forefront of transport data integration and distribution since its establishment in 2005. As Korea's central hub for nationwide road traffic data collection and management, K-NTIC plays a crucial role in enhancing traffic information accessibility and usability for both public and private sectors.

K-NTIC aggregates real-time traffic data from expressways, national roads, and urban networks, collaborating with the Korea Expressway Corporation, regional offices, and other key organizations. By providing comprehensive and reliable transport data, K-NTIC strengthens traffic monitoring, congestion management, and intelligent mobility services.

To further enhance data usability and analytics, K-NTIC launched the Data Analytics Enhancement Project in 2023, leveraging AI, big data, and advanced analytics to optimize traffic flow, incident detection, and CCTV-based monitoring.

This session will showcase MOLIT's vision and K-NTIC's key data analytics initiatives, highlight its impact on next-generation transport information services, and explore future strategies for AI-driven operations and intelligent traffic management.

DATE & TIME	09:00~10:30, May 30 (Fri)
PLACE	Room 105+106, 1F
ORGANIZER	**Seungneo Son**, ITS Korea, Korea

MODERATOR	**Seokcheon Yoon**, ITS Korea, Korea
SPEAKERS	**Kihun Jang**, ITS Korea, Korea
	Hayeong Koh, ITS Korea, Korea
	Jiyeon Lee, ITS Korea, Korea
	Seokcheon Yoon, ITS Korea, Korea

SPECIAL SESSIONS

SS13 Connection for Growth: Indonesia's Journey Toward Sustainable and Intelligent Urban Mobility

Indonesia undergoes rapid transformation to address traffic congestion, emissions, and multimodal transport integration, presenting a vast opportunity for investment and collaboration in urban mobility. With a population exceeding 270 million and accelerating urbanization, the demand for sustainable and intelligent mobility solutions is at an all-time high. The government has expected large-scale infrastructure projects, expanded MRT, LRT, and BRT networks, promoted EV adoption, and implemented intelligent transport systems (ITS) to modernize urban mobility. However, significant challenges remain requiring global expertise, technology, and investment to drive an efficient and sustainable transition.

With strong commitment and high-demand of a more sustainable urban development, Indonesia is fostering partnerships, EV manufacturing incentives, and smart city developments, to create high-value investment opportunities in the sustainable urban transport sector. The push for Transit-Oriented Development (TOD) and digital mobility solutions further enhances market potential for international players. By engaging in this forum, stakeholders gain to tap into Indonesia's growing mobility market, insights into Indonesia's policies, urban mobility landscape, and strategic priorities, while connecting with key decision-makers and industry leaders. This session is expected to leverage momentum to drive long-term, profitable, and sustainable investments in one of Asia's most dynamic transport ecosystems, while activating opportunities for global and national stakeholder to contribute in the Indonesian mobility transformation.

DATE & TIME	16:00~17:30, May 28 (Wed)
PLACE	Room 204, 2F
ORGANIZER	**Aria Kusuma Ramadhan**, ITS Indonesia, Indonesia

MODERATOR	**Yoga Adiwinarto**, Secretary General of ITS Indonesia, Indonesia
SPEAKERS	**Ir. Resdiansyah**, Vice President Standardization of ITS Indonesia, Indonesia
	Syafri Yuzal, Vice President International Relations of ITS Indonesia, Indonesia
	Bintang Ramadhan, Marketing and Business Development of Len Railway Systems Indonesia, Indonesia
	Maura Aniasa Rinjani, Marketing Lead of Kalista Nusa Armada, Indonesia

PAPER SESSIONS - ORAL SESSION

MAY 28, WEDNESDAY

OS01	**Big Data Collection and Analysis I** 14:00-15:30, MAY 28 | Room 206
Moderator	Evelyn Wen, Senior Analyst – Portfolio Performance & Insights, New Zealand Transport Agency, New Zealand
OS01-01	**How Can LTE/5G Cellular Data Address Geographic and Sociodemographic Bias in Household Travel Surveys?** Jisu Kim, Ajou University, Korea
OS01-02	**Trip Generation in the Philippines: Analysis of Traditional, Geospatial, and AI-based Models** Kervin Joshua Lucas, Korea Advanced Institute of Science and Technology, Korea
OS01-03	**Selection and Analysis of a Route Choice Model for Metro Systems: Investigating Time-Dependent Variations in Factor Influence** Junhee Lee, Korea University, Korea
OS01-04	**Analysis of Public Transportation Trips in Seoul Based on Trip Purpose Inference** Jeric Taehyung Kim, Seoul National University, Korea
OS01-05	**Two-Level Traffic Condition And Pattern Recognition Using K-Means Clustering** Leen Amireh, Korea Advanced Institute of Science and Technology, Korea

OS02	**Automated Driving System I** 14:00-15:30, MAY 28 | Room 103
Moderator	Mike Rudge, Director, NZTA, New Zealand
OS02-01	**The Value of Scenario Databases for the Development And Validation of Automated Driving Systems** Olaf Op den Camp, TNO, Netherlands
OS02-02	**Imitation Learning-Based Traffic Signal Optimization Using Expert Control Data** Joonho Park, Ajou University, Korea
OS02-03	**Developing a Risk Recognition System Based on a Large Language Model for Autonomous Driving** Donggyu Min, Seoul National University, Korea
OS02-04	**Simulation of autonomous vehicle disruption in various road conditions and its impact on traffic efficiency** Boram Woo, Korea Transport Institute, Korea

PAPER SESSIONS - ORAL SESSION

OS03	**Big Data Collection and Analysis II** 16:00-17:30, MAY 28 | Room 206
Moderator	Jason Chang, Professor and Director, Advanced Transport Research Center, University of Taipei, Chinese-Taipei
OS03-01	**Investigation of Lane-Change Maneuvers in Highway Merging Sections Using Wavelet Transform and Empirical Trajectory Data** Seungmin Oh, Korea Advanced Institute of Science and Technology, Korea
OS03-02	**Prediction Models for Travel Mode and Trip Purpose Using Operator Networks** Kervin Joshua Lucas, Korea Advanced Institute of Science and Technology, Korea
OS03-03	**Pedestrian Model Development and Optimization for Subway Station Users** Geon Hee KIM, Kyonggi University, Korea

OS04	**Automated Driving System II** 14:00-15:30, MAY 28 | Room 104
Moderator	Shinji Hiraiwa, Director, Strategic Planning, ITS Japan, Japan
OS04-01	**Comparing Dynamic Traffic Flow to Human-Driven Vehicles with Cautious and Aggressive Autonomous Vehicles Behaviour** Maftuh Ahnan, University of Science & Technology, KICT School, Indonesia
OS04-03	**Development of Driving Safety Evaluation Framework for Automated Vehicles Based on Urban Roads** Youngtaek Lee, Ajou University, Korea
OS04-04	**LiDAR Vs. Stereo Camera in Autonomous Driving: Accuracy and Periodicity in Dynamic Scenarios** Junyoung Kim, Korea Advanced Institute of Science and Technology, Korea
OS04-05	**Xai-Informed Comparative Safety Performance Assessment of Human Driver Crashes and Automated Vehicle Failures** Hyeonseo Kim, Korea Transport Institute, Korea

MAY 29, THURSDAY

OS05	**Smart Transport Infrastructure I** 11:00-12:30, MAY 29 | Room 206
Moderator	Chin Kian Keong, ITS Singapore Advisor, ITS Singapore, Singapore
OS05-01	**Evaluation of Pedestrian Future Conflict at Non-Signalized Intersections Based on Probabilistic Trajectory Prediction** Tengfeng Lin, Korea Advanced Institute Of Science And Technology (KAIST), Korea
OS05-02	**Predicting Downstream Vehicle Movement at Smart Intersections** Eui-Jin Lee, Seoul National University, Korea
OS05-03	**Beyond the Red and Green: Exploring the Capabilities of Smart Traffic Lights in Malaysia.** Ir. Mohd Fairuz Muhamad@Mamat, Ministry of Works Malaysia, Malaysia
OS05-04	**A Luminance-Based Lane Infrastructure Quality Assessment System for Smart Cities** Pathum Rathnayaka, U1 Geographic Information System, Korea
OS05-05	**Optimizing Dynamic Allocation of Dedicated Lanes for Crowd Movements in Urban Transportation Networks** Soyeon Lee, University of Seoul, Korea

OS06	**Sustainable Urban Transport I** 11:00-12:30, MAY 29 | Room 205
Moderator	Fiona Reid, CEO, Transit Dash, New Zealand
OS06-01	**Developing Machine Learning Models for Predicting Microscopic Emissions From On-Road Vehicles: A Preliminary Study** Sungmin Kim, Inha University, Korea
OS06-02	**Optimizing Highway EV Charging Stations: Hierarchical Approach for Locating and Allocating Fast Chargers** Gimin Roh, Hongik University, Korea
OS06-03	**Riding in the Dark: How Built Environment Features Shape Nighttime Cycling Routes in South Korea** Raihan Pasha Isheka, Korea Advanced Institute of Science & Technology (KAIST), Korea
OS06-04	**A Study on User Preference Analysis for Incentive Schemes Promoting Public Transport Mode Shift** Jiho Kim, University of Seoul, Korea
OS06-05	**Optimizing Drone-Truck Coordination: A Path Planning Model for Energy Efficiency, Cost Savings, and Sustainable Last-Mile Delivery** Wenxuan Ou, Korea Advanced Institute of Science and Technology (KAIST), Korea

PAPER SESSIONS - ORAL SESSION

OS07	**Smart City Solution** 11:00-12:30, MAY 29 | Room 104
Moderator	Nobuyuki Ozaki, Nagoya University, Japan
OS07-01	**A Study on the Calculation and Operation of Signal Systems According to Traffic Congestion Situations Using Digital Twin** Jiyeong Seo, TOMMs (Coporation Company), Korea
OS07-02	**The Role of Lidar in the Vehicle-to-Everything (V2X)** Steven Sheffield, Seyond, United States of America
OS07-03	**Development of a Battery Simulator for Electric Vehicle Lifecycle Testing Considering Road and Traffic Conditions** Dongmin Kim, Korea Advanced Institute of Science and Technology (KAIST), Korea
OS07-04	**Green Mobility Mileage Tracking and Recording Platform in Taiwan** Ya-Wen Chen, University of Taipei, Chinese Taipei

OS08	**Automated Driving System III** 11:00-12:30, MAY 29 | Room 103
Moderator	Mike Rudge, Director, NZTA, New Zealand
OS08-02	**Optimizing Highway Merging: A Comparative Study of Cooperative and Competitive Automated Vehicle Strategies** Joonho Park, Ajou University, Korea
OS08-03	**Operational Design Domain on Autonomous Vehicle Accident Analysis: Machine Learning Using Field Data** Boram Woo, Korea Transport Institute, Korea
OS08-04	**Analyzing Crash Clusters in Vehicles Equipped with Advanced Driving Technologies** Mahdi Khorasani, Korea Advanced Institute of Science & Technology (KAIST), Korea

OS09	**Smart Transport Infrastructure II** 14:00-15:30, MAY 29 | Room 206
Moderator	**Douglas Wilson**, Associate Professor, University of Auckland, New Zealand
OS09-01	**Essential Role of RF Scanning and Tunnel Planning in GPS-Link Installation** **Won Woo Lee**, Korea Express Way Research Institute, Korea
OS09-02	**Artificial Intelligence in Transport Systems (AITS): Architecture, Design, and Analysis** **Jihong Bae**, Straffic Co., Ltd., Korea
OS09-03	**Development of a Multi-Directional BLE Beacon-Based Radio-Positioning System for Vehicle Navigation in GNSS-Shadow Roads** **Tae-Kyung Sung**, Chungnal National University, Korea
OS09-04	**Development of ADAS Support System Based on Microwave Signal Conversion for Improving Radar Recognition Errors** **Hojae Kim**, Hanyang University, Korea
OS09-05	**Efficient On-Chip Implementation of 4D Radar-Based 3D Object Detection on Hailo-8L** **Woong-Chan Byun**, Korea Advanced Institute of Science and Technology(KAIST), Korea

OS10	**Sustainable Urban Transport II** 14:00-15:30, MAY 29 | Room 205
Moderator	**Susan Harris**, CEO, ITS Australia, Australia
OS10-01	**Development of the Resilience Indicators of Metro Systems for Flood Disaster under Climate Change** **Pei-Yu Tsai**, National Cheng Kung University, Chinese Taipei
OS10-02	**Standardization Activities for Green ITS Responding to Climate Changes** **Jeong-eun Joo**, ITS Korea, Korea
OS10-03	**Travel Characteristics of Public and Private Bicycle Using Big Data** **Min Song Kim**, Hanbat National University, Korea
OS10-04	**Mitigating Transport CO2 Emissions: The Role of Electric Vehicles and Policy Measures** **Junwook Chi**, University of Hawaii at Manoa, United States of America

PAPER SESSIONS - ORAL SESSION

OS11	**New Mobility and Transit Accessibility** 14:00-15:30, MAY 29 | Room 104
Moderator	Fiona Reid, CEO, TransitDash, New Zealand
OS11-01	**Vulnerability Assessment of Origin-Destination Pairs for Elderly Subway Users Using Smartcard Data** Eun Jung Kim, Seoul National University, Korea
OS11-02	**Behavioral Comparisons of Route Choice for Travel Time Attributes on the Metro Network** Shin-Hyung Cho, University of Seoul, Korea
OS11-03	**Understanding Dockless Shared E-Scooter Trip Behavior: A Data-Driven Apporach to Trip Purpose Classification** Songmi Paek, Korea Advanced Institute of Science and Technology, Korea
OS11-04	**Investigating the Urban Disparities of Air Pollution Exposure During Transit Access by Adopting Spatiotemporal Nonparametric Approaches** Youngwoong Kim, University of Seoul, Korea

OS12	**Cooperative and Connected Vehicles** 14:00-15:30, MAY 29 | Room 103
Moderator	Chin Kian Keong, ITS Singapore Advisor, ITS Singapore, Singapore
OS12-01	**Integrating V2X in the Automotive E/E Architecture – A Comparison Between Different Approaches** Jan-Karl Ries, Vector Informatik GmbH, Germany
OS12-02	**Testing An Autonomous Vehicle On Public Roads – The Turin Case In The Frame Of IN2CCAM European Project** Lorenzo Valletta, TTS Italia, Italy
OS12-03	**Speed Harmonization Based on Multi-agent Reinforcement Learning under Urban Mixed Traffic Environment** Seung-Hyeon Lee, Seoul National University, Korea
OS12-04	**Augmented Safety Margin: a Metric for Evaluating Perception and Safety in Cooperative Perception** Saeyan Eom, Korea Advanced Institute of Science and Technology (KAIST), Korea
OS12-05	**Integrating an Actuated Signal Control Policy with Queue-based Green Light Optimal Speed Advisory (Q-GLOSA) Systems** Dohyeon Kim, University of Seoul, Korea

OS13	**Big Data Analytics and Platform** 16:00-17:30, MAY 29 | Room 206
Moderator	**Mohit Sindhwani**, CTO, Quantum Inventions, Singapore
OS13-01	**A Study on Imputation Methods for Missing Segments in AADT Data** Sihyeon Moon, Ajou University, Korea
OS13-02	**Data Interconnection System for the Development of a Web-Based Standard Compliance Validation Platform** Haejong Lee, ITS KOREA, Korea
OS13-04	**Application of AI Technology on Expressway Road Surface Monitoring for Automated HPMS Construction** Ki Hoon Moon, Korea Expressway Corporation Research Division, Korea
OS13-05	**Transformer Based Anomaly Detection for Traffic Sensor Malfunctions** Sewon Choi, Seoul National University, Korea

OS14	**Sustainable Urban Transport III** 16:00-17:30, MAY 29 | Room 205
Moderator	**Peter Y. Park**, Professor, Department of Civil Engineering, Lassonde School of Engineering, York University, Canada
OS14-01	**Exploring Factors Affecting Intercity Travel Mode Choice: Focused on Bus Rapid Transit (BRT)** Yumi Jeong, Hanbat National University, Korea
OS14-02	**Modeling the Impact of Smart and Sustainable Transport Strategies in Jakarta, Indonesia: A Focus on Urban Heat Islands and Air Quality** Frida Caturima Darojati, Ministry of National Development Planning, Indonesia
OS14-03	**A Data-Driven and Simulation Approach for the Safe Integration of Active Mobility Modes Into Singapore's Transport Ecosystem** Karen Cheung, Aimsun Pte Ltd, Singapore
OS14-04	**Comparative Analysis of Route Choice Behavior Between Electric and Conventional Vehicle Drivers for Long-distance Trips** Min-Ji Kang, University of Seoul, Korea

PAPER SESSIONS - ORAL SESSION

OS15	**CAV and Digital Infrastructure** 16:00-17:30, MAY 29 | Room 103
Moderator	**Olaf Op den Camp,** Senior Consultant, TNO, Netherlands
OS15-01	**Evaluation of Parking Management Strategies at Expressway Rest Areas in Mixed Traffic Environments Using Multiple Criteria Decision-Making Process** Songha Lee, Hanyang University, Korea
OS15-02	**Assessing the Post-Event Congestion Mitigation in a 24-Hour Traffic Scenario Using Simulation of Urban Mobility (SUMO)** Junhee Choi, Seoul National University, Korea
OS15-03	**Study of Enhancing Safety Using Intelligent Driver Model with RSS under Incident Situation of Mixed Traffic Flow of AVs and HDVs** Sangmin Park, Korea Transport Institute, Korea
OS15-04	**A Comparative Analysis of Mapping-Based Traffic Signal Disambiguation for Autonomous Vehicles** Sari Kim, NZERO, Korea

OS16	**Shared Mobility** 16:00-17:30, MAY 29 | Room 101+102
Moderator	Eui-Jin Kim, Professor, Ajou University, Korea
OS16-01	**Analysis of the Relationship Between Slope and Shared PM Travel Distance** Youngkook Kim, Korea Transport Institute, Korea
OS16-02	**Empirical Analysis Of Temporary Taxi Business Zone Integration In The Seoul Metropolitan Area: Implications For Smart Mobility Policy** Kunwoo Kim, Kakao Mobility Corp., Korea
OS16-03	**Modelling Commuter Behaviours with Carpooling Facilities as a Solution for Public Transport Connectivity** Yijia Wen, University of Canterbury, New Zealand
OS16-04	**Designing Shared Service Attributes for Maas Monthly Subscription Package** Sandar Win, Chulalongkorn University, Thailand

May 30, FRIDAY

OS17	**Future Transport Systems I** 09:00-10:30, May 30 | Room 206
Moderator	Miss Evelyn Wen, Senior Analyst – Portfolio Performance & Insights, New Zealand Transport Agency, New Zealand
OS17-01	**Improving Emergency Medical Services in Medically Underserved Areas: RTC Location Selection and UAM-Based Service Area Analysis** Se young Noh, Hanbat National University, Korea
OS17-02	**A Study on the Solution of Traffic Problems through the Establishment of Innovative New Highway** Taejin Park, AICT, Korea
OS17-03	**Simulation Study on the Impact of the E-scooter Assisting Alarm Sensor** Hui Zhi Ng, Korea Advanced Institute of Science and Technology (KAIST), Korea
OS17-04	**Development of Vertiport Location Selection Models for Highway Emergency Patient Transport** Changyeob Lee, Korea Aerospace University, Korea
OS17-05	**Development of a Generalized Cost-based Urban Air Mobility Demand Estimation Methodology: Focusing on the Daegu-Gyeongbuk Airport** Taewon Bang, Keimyung University, Korea

OS18	**Standardization and Policy** 09:00-10:30, May 30 | Room 205
Moderator	Hyun Soo Yoon, Seoul National University, Korea
OS18-01	**A Study on the Analysis of Standards for Supporting Overseas Its Projects And Export** Ji-Eun Choi, ITS KOREA, Korea
OS18-02	**Analysis on ITS Standards in Korea** Jeong-eun Joo, ITS Korea, Korea
OS18-03	**Designing Safer Roads for AVs: The Role of Flex Zones, Information Systems, and Dedicated Lanes** Chaione Kim, Kyonggi University, Korea
OS18-04	**Standardized Measurement Methods on Tire/Road Noise In South Korea** Yong Hee Kim, Youngsan University, Korea
OS18-05	**Advancing Road Safety in Southeast Asia: A Review of Research Trends And the Role of Intelligent Transport Systems** Paolo Ian Lucero, Korea Advanced Institute of Science and Technology (KAIST), Korea

PAPER SESSIONS - ORAL SESSION

OS19	**New Safety and Security I** 09:00-10:30, May 30 | Room 104
Moderator	Jooyong Lee, Professor, Kyonggi University, Korea
OS19-01	**Identification of Hazardous Road Spots in Mixed Traffic Based on Integrated Analysis of Driving and Traffic Simulations** Hyeonseok Jin, Hanyang University, Korea
OS19-02	**Identification of Traffic Accident Hotspot Based on Raster Data** Yong Jin Park, University of Seoul, Korea
OS19-03	**Network-Based DUI Risk Assessment: Integrating Route Analysis and Optimized Hotspot Detection** Jaeyeong Lee, Korean National Police Agency, Korea
OS19-04	**A Data-Driven Approach for Identifying Pedestrian Accident Hotspots** Jooyoung Lee, Hannam University, Korea

OS20	**Emergency Response and Management** 09:00-10:30, May 30 | Room 103
Moderator	Seo Young Hong, Research Professor, Myongji University, Korea
OS20-01	**Influence of Selective Security Check on Heterogeneous Passengers at Metro Stations** Lounell Gueta, Hitachi Asia Ltd., Singapore
OS20-02	**Development of Proactive Road Management Policy by Means of Advanced Sensing Technology** Ki Hoon Moon, Korea Expressway Corporation Research Division, Korea
OS20-03	**Streamlining Public Transport Information Management During Service Disruptions Using Integrated Digital Solutions** Lauren Strpko, Somar Digital, New Zealand

OS21	**Protection for Pedestrians and Vulnerable Road Users** 09:00-10:30, May 30 | Room 101+102
Moderator	Douglas Wilson, Associate Professor, University of Auckland, New Zealand
OS21-01	**Enhancing Micromobility Safety: Investigating Drivers' Overtaking Behaviors of Bicycles and E-Scooters under Varying Road Conditions and Cross-Modal Experience** Hyunchul Park, Korea Advanced Institute of Science and Technology, Korea
OS21-02	**Deciphering Fatal/Severe Pedestrian Injury Crash Frequency at School Zone Crash Hotspots by Integrating Street Perception with Interpretable Machine Learning** Kaihan Zhang, Korea Advanced Institute of Science & Technology, Korea
OS21-03	**Change in Compliance Rate Before And After Speed Limit Reduction on Urban And Non-Urban Roads** Won Bang Song, Korea Expressway Corporation, Korea
OS21-05	**Test Level 5 (Tl5) Precast Greenguard New Jersey Barriers (Njb): A Sustainable Safety Enhancement for Plus Expressway** Ir. Ts. Izman Khairi Ismail, GLC - PLUS Berhad, Malaysia

OS22	**Future Transport Systems II** 11:00-12:30, May 30 | Room 206
Moderator	Susan Harris, CEO, ITS Australia, Australia
OS22-01	**Sustainable Urban Mobility in Smart Cities: Key Factors for Adopting Fuel Cell Electric Buses in Taiwan** Yen-Ning Wang, National Cheng Kung University, Chinese Taipei
OS22-02	**Traffic Congestion Measurement And Management With Floating Car Data (FCD)** Ralf-Peter Schäfer, TomTom Germany GMbH, Germany
OS22-03	**Dynamic Route Optimization of Demand-Response Transit Using Real Data with Commit Horizons** Jeongsik Yun, Konkuk University, Korea
OS22-04	**Impacts of the Built Environment on Demand for Demand-Responsive Transit Using Optimal Spatial Analysis Units** Dain Oh, Ajou University, Korea
OS22-05	**Reinforcement Learning Based Rebalancing Strategy for Ride-Sharing System Addressing Demand Imbalance** Hyun Su Park, University of Seoul, Korea

PAPER SESSIONS - ORAL SESSION

OS23	**Policy and Governance** 11:00-12:30, May 30 | Room 205
Moderator	Mr Mohit Sindhwani, CTO, Quantum Inventions, Singapore
OS23-01	**Analyzing Regional Extinction Risk Factors and Build Dynamic Simulations** Jungyoun Kim, Hanbat National University, Korea
OS23-02	**Barriers And Opportunities for Ev Adoption In New Zealand: Infrastructure, Policy, And Public Perception** Mike Rudge, NZTA, New Zealand
OS23-03	**Millennials and Gen Z's Preferences for Airport Characteristics in Transfer Hubs: A Pilot Study** Junyuk Lee, Korea Advanced Institute of Science and Technology(KAIST), Korea
OS23-04	**Identifying the Impacts of New Transit on Commercial Gentrification Using Survival Analysis** Geonmin Kim, University of Seoul, Korea
OS23-05	**Unveiling Commuter Satisfaction Patterns Using Clustering Algorithms** Eunmo Gu, University of Seoul, Korea

OS24	**New Safety and Security II** 11:00-12:30, May 30 | Room 104
Moderator	Sunghoo Kim, Professor, Hanyang University, Korea
OS24-01	**A Policy Framework for C-ITS: Managing Long-Term and Short-Term Certificates** Seung-hwan JU, Autocrypt, Korea
OS24-02	**A Study on Safety Path Search Method Considering Traffic Accident Impedance and ADAS Factors** Jihun Han, Kongju University, Korea
OS24-03	**Investigating the Influencing Factors for Accident Duration on Full-Lane-Closure in Freeway** Min-Ji Kang, University of Seoul, Korea
OS24-04	**Suicide Attempt Alert System PLUS Berhad Initiative To Save Lives** Noor Ezwani Binti Nor kamal, GLC - PLUS Berhad, Malaysia

OS25	**AI in Mobility** 11:00-12:30, May 30 | Room 103
Moderator	**Miss Evelyn Wen**, Senior Analyst – Portfolio Performance & Insights, New Zealand Transport Agency, New Zealand
OS25-01	**Imputing Missing Non-Transit Trips From Incomplete Trip-Chains in Smart Card Data** **Huichang Lee**, University of Seoul, Korea
OS25-02	**Revolutionizing Traffic Management with Ai Technology** **Karen Cheung**, Yunex Pte. Ltd., Singapore
OS25-03	**The Potential of Large-Language Models as Regularizers in Deep Generative Models for Population Synthesis** **Hyunsoo Yun**, University of Seoul, Korea
OS25-05	**Applying Transformer-Based Dynamic-Sequence Techniques to Transit Data Analysis** **Bumjun Choo**, University of Seoul, Korea

PAPER SESSIONS - E-POSTER SESSION

MAY 28, WEDNESDAY

PS01	**Big Data Collection and Analysis** 13:00-14:30, MAY 28 | 3F Lobby
PS01-01	**Toll Collection System Management Using D.N.A Technology** Jiyeon Lee, Korea Expressway Corporation, Korea
PS01-02	**Spatiotemporal Nearest-Neighbor Method for Real-Time Travel Speed Prediction** Woojin Kang, Korea Transport Institute, Korea
PS01-03	**Establishment of Transport Performance Using Toll Collection System Data on Korean Expressway** Yoon-Hyuk Choi, Korea Expressway Corporation Research Institute, Korea
PS01-04	**A Study of Highway Performance Evaluation Methodology Using Individual Vehicle Trajectory Data** Donghee Han, Korea Expressway Corporation Research Institute, Korea
PS01-05	**Generalizable Semantic-aware Road Network Representation Learning** Yonghui Liu, Korea Advanced Institute of Science and Technology(KAIST), Korea
PS01-06	**Clustering-Based Aggressive Driving Analysis and LLM-Driven Trajectory Generation** Chiwoo Roh, Ajou University, Korea
PS01-07	**Analysis of Personal Mobility Accidents And App Users: A Data-Driven Study** Jung Kim, Korea Advanced Institute of Science and Technology(KAIST), Korea

PS02	**Smart Transport Infrastructure** 14:30-16:00, MAY 28 | 3F Lobby
PS02-01	**Design and Build a Simulation Model for Intersection Coordination Based on Wireless Controlling** Putu Diva Ariesthana Sadri, Bali Land Transportation Polytechnic, Indonesia
PS02-02	**Development of GFRP Reinforced Sound Barrier Foundation to Prevent Noise and Deterioration** Moon S. Nam, Korea Expressway Corp., Korea
PS02-03	**Coception of Support Measures for The Traffic of ADAS Vehicles on Expressway** Soohee Kim, Korea Expressway Corporation, Korea
PS02-04	**LiDAR Data-Driven Traffic Metrics Analysis: Density Estimation and Vehicle Trajectory Extraction** Sungeun Cho, Ajou University, Korea

PS02-05	**Active Traffic Demand Management with Real-time Traffic Prediction: A Case Study of Hanyang City Wall** Jae Hwan Yang, The Seoul Institute, Korea
PS02-06	**Investigating Latent Heterogeneity in Preferences for Underground Rapid Shared Autonomous Vehicle Service** Sehyun Park, Korea Institute of Civil Engineering and Technology, Korea
PS02-07	**Analyzing the Impact of Network Latency When Integrating Real-Time Vehicle Information in a Virtual Environment** Min Kim, Korea Advanced Institute of Science and Technology, Korea

PS03	**Connected and Automated Vehicles** 16:00-17:30, MAY 28 | 3F Lobby
PS03-01	**Analysis of Research Trends in Autonomous Driving Systems Using Network Analysis Methodology** Yongwon Kim, Korea Expressway Corporation, Korea
PS03-02	**Dynamic Assessment of Psychological Burden in Autonomous Vehicle Passengers Using NASA-TLX** Dohyeon Kim, Wonkwang Univ., Korea
PS03-03	**Driving Parameter Optimization for Autonomous Vehicles: Considering Urban Traffic Efficiency and Safety** Gyungtaek Oh, Ajou University, Korea
PS03-04	**Strategic Prioritization of Connected Vehicle Infrastructure Services in Mixed Autonomy Traffic: A Comprehensive Scenario-Based Evaluation** Junhyeong Moon, Advanced Institute of Convergence Technology, Korea
PS03-05	**The Challenging Task of Cooperative Driving Infrastructure Cameras: An Analysis From the Perspective of Functional Safety** Ikhyeon Jo, Signtelecom Co., Ltd., Korea
PS03-06	**Enhancing Vehicle Safety at Signalized Intersections Using Offline Reinforcement Learning** Xiaoyu Shi, Korea Advanced Institute of Science and Technology(KAIST), Korea
PS03-07	**ProSafeAV: Enhancing Proactive Safety Performance of AVs Using World Model-Based Reinforcement Learning and Extreme Value Theory** Yukai Wang, Korea Advanced Institute of Science and Technology(KAIST), Korea

PAPER SESSIONS - E-POSTER SESSION

MAY 29, THURSDAY

PS04	**Mobility Service Innovation I** 09:00-10:30, MAY 29 | 3F Lobby
PS04-01	**Real-Time Delay Analysis System for Signalized Intersections Using Video Detectors - Based on the KHCM 2013** Bong il Ko, R&D Center, EasyTraffic Technologies, Korea
PS04-02	**Development of Optimal Traffic Signal Transition Technology After Event Occurrence** Seung Lee Kim, EasyTraffic Technologies, Korea
PS04-03	**Identifying and Analyzing Factors of Imbalance Zones Based on Spatial Characteristics of Seoul Public Bike-Sharing System** Jihye You, Ajou University, Korea
PS04-04	**Understanding Access Mode Choice Behavior in Mobility Hubs with High-speed Services** Sehyun Park, Korea Institute of Civil Engineering and Technology, Korea
PS04-05	**Efficiency Evaluation of Metropolitan Subway Transfer Stations Focus on Integrated Transfers Between Public Transportation Modes** Eunseo Han, The Seoul Institute, Korea
PS04-06	**Generating Realistic GTFS Data and Public Transit Network Using Smart Card and Bus Information** Jiho Yeo, Gachon University, Korea
PS04-07	**Virtual Capacity Expansion of Stations in Bikesharing System: Potential Role of Single Station-Based Trips** Gyugeun Yoon, Seoul National University, Korea

PS05	**Mobility Service Innovation II** 10:30-12:00, MAY 29 | 3F Lobby
PS05-01	**The Impact of Anthropomorphized Ai Agents' Voice Guidance on User Experience in Autonomous Drt Buses** Yeonbi Jeung, yonsei university, Korea
PS05-02	**Understanding Mode Choice in Metropolitan Demand-Responsive Transit** Hanghun Jo, Hanyang University, Korea
PS05-03	**Sequential Generation Procedure of Population Synthesis Using Conditional Generative Adversarial Network to Overcome Re-sampling Stage** Donghyun Kwon, Korea Advanced Institute of Science and Technology(KAIST), Korea

PS05-04	**Positional Encoding-Free Transformer for Vehicle Intention Prediction in Roundabout Intersections** Soomok Lee, Ajou University, Korea
PS05-05	**Prioritizing Service Attributes to Enhance Social Acceptance of Urban Air Mobility for Airport Shuttle** Yeongmin Kwon, Incheon International Airport Corporation, Korea
PS05-06	**Understanding Commuters' Willingness to Shift to Transfer-Type Buses Using a Latent Class Model** Hwanseung Lee, Myongji University, Korea
PS05-07	**4DR P2T: 4D Radar Tensor Synthesis with Point Clouds** Woo-Jin Jung, Korea Advanced Institute of Science & Technology (KAIST), Korea

PS06	**Smart Infrastructure & Mobility Innovation** 12:00-13:30, MAY 29 | 3F Lobby
PS06-01	**Stability of Factors Associated with the Efficiency of Integrated Urban Transit Stations Before and During the COVID19 Pandemic** Reuben Tamakloe, Korea Advanced Institute of Science and Technology(KAIST), Korea
PS06-02	**Development of High-Speed Rail Demand Forecasting Incorporating Multi-Station Access Probabilities** Seoyoung Hong, Myongji University, Korea
PS06-03	**A Study on Real-Time Traffic Optimization Using Kalman Filter-Based Active Lane Control System** Chunkeun Cheon, TOMMs, Korea
PS06-04	**Multi-Camera Pedestrian Full Trajectory Perception Using YOLO, DeepSORT, and Homography Transform** Myeonghyeon Kim, Korea Advanced Institute of Science and Technology(KAIST), Korea
PS06-05	**Compassion in Motion: Cultivating Empathy Among Taxi Drivers - A Travel Equity Initiative** Shi Ye, Korea Advanced Institute of Science and Technology, Korea
PS06-06	**Impacts of High-Speed Commuter Rail on Seoul Metropolitan Mobility: Insights From Smart Card Data Analysis** Suji Kim, Korea Research Institute for Human Settlements, Korea
PS06-07	**Dilemma Zone Behavior Modeling: A Vision-Driven, Probabilistic and Deep Learning Framework for Simulation** Junseok Kim, Korea Advanced Institute of Science and Technology, Korea

PAPER SESSIONS - E-POSTER SESSION

PS07	**Traffic Safety Systems** 13:30-15:00, MAY 29 | 3F Lobby
PS07-01	**An Analysis of Factors Affecting the Resue of Smart Safety Services for Intercity Buses in Suwon Using A SEM** Sukhee Kim, Suwon Research Institute, Korea
PS07-02	**Deep Learning-Driven Prediction of Child Pedestrian Trajectories Using TUTR Models** Sungmin Yoo, Ajou University, Korea
PS07-03	**Integrating SUMO and Unity for Realistic Virtual Reality Traffic Simulations** Peter Y Park, Lassonde School of Engineering, York University, Canada
PS07-04	**An Analysis of Factors Affecting the Drowsy Driving Behavior** Heyjin Kim, Ajou Univeristy, Korea
PS07-05	**The Impact of Head-Up Display Warnings on Aggressive Driving: Visual and Behavior Insights** Jaehyuck Lim, Korea Advanced Institute of Science and Technology(KAIST), Korea
PS07-06	**AI-Driven Traffic Crash Countermeasure Recommendation Using Deep Neural Networks: A Decision Support Framework for Traffic Safety Engineers** Eunho Lee, Ajou University, Korea
PS07-07	**Development and Effectiveness Analysis of a Secondary Accident Prevention System on Expressway in Korea** Ducknyung Kim, Korea Expressway Corporation, Korea

PS08	**Safety and Security I** 15:00-16:30, MAY 29 | 3F Lobby
PS08-01	**An Effectiveness Analysis of Traffic Information Guidance System in Tunnel Using Driving Simulator Experiment** Dongju Ka, Korea Expressway Corporation Research Institute, Korea
PS08-02	**Dynamic Analysis of Crash Intervals with Time-Varying Covariates and Road Segment Heterogeneity** Fangzhou Wang, Korea Advanced Institute of Science and Technology(KAIST), China
PS08-03	**Design of Rainfall Detection And Response System to Enhance Road User Safety** Kyungsuk Kim, Korea Expressway Corporation, Korea
PS08-04	**Development of Security Detecting Technology Against Encrypted Cyber Threats in ITS/C-ITS Environment** Wonjae Yoon, Korea Expressway Corporation, Korea

PS08-05	**Automatic Classification of Incident Events by Urgency Using HDMAP** Yongjoo Song, Korea Expressway Corporation, Korea
PS08-06	**GIS-based Approach for Road Slope Hazard Assessment and Management** Bumsik Hwang, Korea Expressway Corporation Research Institute, Korea
PS08-07	**A Graph-Theoretic Method for Evaluation of Wildfire Evacuation Vulnerability** Dongju Ka, Korea Expressway Corporation Research Institute, Korea

PAPER SESSIONS - E-POSTER SESSION

May 30, FRIDAY

PS09	**Safety and Security II** 09:00-10:30, May 30 | 3F Lobby
PS09-01	**A Study on Pedestrian Flow Analysis and Congestion Mitigation in Stations** Seunggeun Shin, Kongju National University Graduate School, Korea
PS09-02	**Pedestrian-Scooter Interaction and Rider Aggressiveness: A Pilot Survey** Kexin Zhu, Student, Korea
PS09-03	**Enhancing the Safety of Child Pedestrians: Mathematical Process for School Zone Designation** Jinmun Kwon, University of Seoul, Korea
PS09-04	**Fire Suppression System in Electric Vehicle Charging Station** Byungyoung Song, HDEC, Korea
PS09-05	**Analysis of the Relationship Between Driving Characteristics and Potential Risk Factors for Traffic Accidents among Elderly Drivers** Seongyu Baek, University of Seoul, Korea
PS09-06	**The Analysis of Public Transport Users' Behavior During Natural and Human-made Disasters Based on Pooled Data** Hwanseung Lee, Myongji University, Korea
PS09-07	**Development of Detection and Prediction Response Technology for BlackIce Using Multi-modal Imaging** Seongin Kang, Korea Expressway Coporation Research Institute, Korea

PS10	**Policy, Regulation and Governance** 10:30-12:00, May 30 | 3F Lobby
PS10-01	**Study On Bounding Box Standardization For Multi-Dataset Integration** Yukyung Park, Mobility System Institute, Korea
PS10-02	**A Study on the Problems and Improvement Direction of the C-ITS Infrastructure Regal System in Korea** Jinwoo Cho, Korea Expressway Corporation Research Institute, Korea
PS10-03	**Estimation of Road Traffic Accident Costs in 2023** Taeil Sim, Korea Road Traffic Authority, Korea
PS10-04	**Changes in the Expressway Industry and Policy Directions** Jiho Park, Korea Expressway Corporation Research Institute, Korea

PS10-05	**Forecasting the Demand and Supply of Charter Buses in Korea Using Time Series Analysis Methods** Sungjin Hong, Korea Transport Institute, Korea
PS10-06	**A Study on the Improvement of Performance Management of Expressway Construction** Hyeonjoung Kim, Korea Expressway Corporation Research Institute, Korea
PS10-07	**A Study on High-Precision Vehicle Navigation for Autonomous Driving in Ultra-Long Underground Expressway** Kyoung-Soo Choi, Korea Automotive Technology Institute, Korea

PS11	**Essential Elements for the ITS Adoption** 12:00-13:30, May 30 | 3F Lobby
PS11-01	**A Safety-Based Traffic Network Equilibrium Model Considering Vehicle Coordination in Mixed Traffic Flow** Huimin Tang, Southwest Jiaotong University, China
PS11-02	**How Are Increasing Elderly Drivers Impacting Intersection Traffic? A Simulation-Based Analysis** Hyobeen Park, Kyonggi University, Korea
PS11-03	**Implementation of Smart Traffic Management to Optimize Environmentally Friendly Mobility on the Island of Sumatra (Bandar Lampung and Pekanbaru Cities)** Ib Ilham Malik, Sumatra Institute of Technology, Indonesia
PS11-04	**A Study on Countermeasures for the Korean Green Classification System for Korea Expressway** Jiho Park, Korea Expressway Corporation Research Institute, Korea
PS11-05	**A Study on the Development and Utilization of Expressway Environmental Index** Hyeonjoung Kim, Korea Expressway Corporation Research Institute, Korea
PS11-06	**Analysis of Interregional Public Transit Vulnerability: A Case Study of South Korea** Jeongran Wee, Korea Transport Institute, Korea

EXHIBITION
전시

2025 SUWON AP FORUM

EXHIBITION 전시회

The 2025 Suwon ITS Asia-Pacific Forum offers an exceptional platform to explore the latest advancements in Intelligent Transport Systems. This year's exhibition will feature 177 booths from 70 companies across 8 countries. It's a unique opportunity to experience cutting-edge ITS technologies firsthand, connect with global innovators, and gain valuable insights into the future of smart mobility.

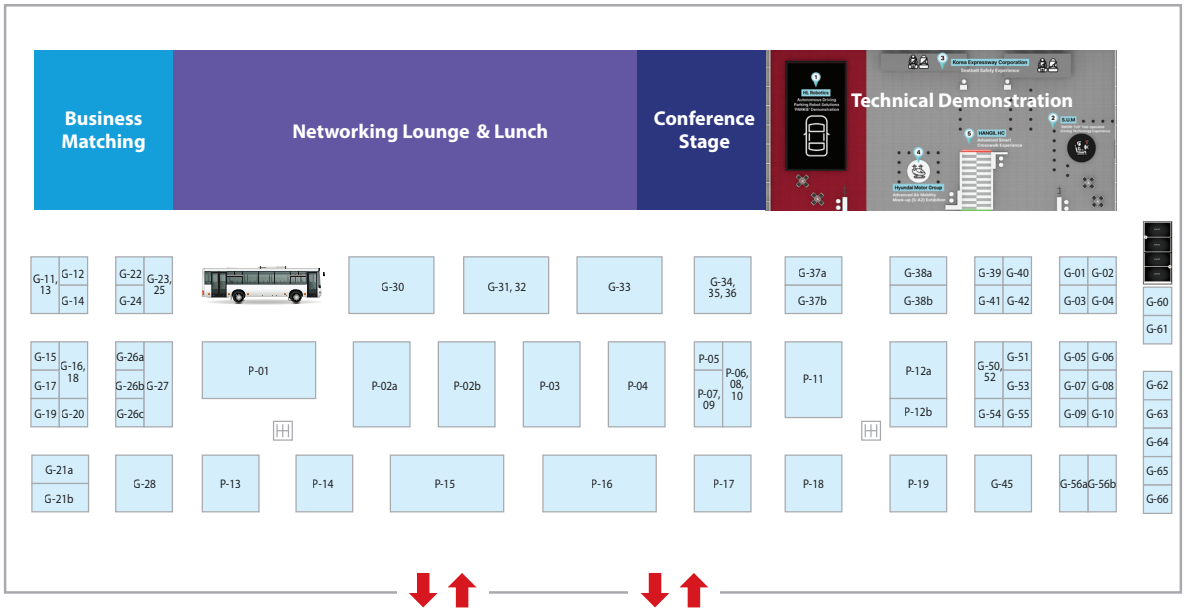
2025 수원 ITS 아시아-태평양 총회는 지능형 교통 시스템(ITS)의 최신 기술을 직접 경험할 수 있는 특별한 기회를 제공합니다. 올해 전시회에는 8개국 70개 기업이 참여하여 총 177개 부스를 운영하며, 전 세계 혁신가들과의 교류를 통해 스마트 모빌리티의 미래를 엿보고 인사이트를 얻을 수 있는 소중한 자리가 될 것입니다.

DATE & TIME May 28 (Wed) ~ 30 (Fri)

* Operation : May 28 (Wed) 11:40-20:00
May 29 (Thu) 09:00-18:00
May 30 (Fri) 09:00-14:00

PLACE Exhibition Hall, 1F

BOOTH LAYOUT



LIST OF EXHIBITORS

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2	BAMBOOS	P-05, G-54
3	bitsensing	G-34, G-35, G-36
4	BODA	G-26a
5	Center for Convergence and Open Sharing System - Future Mobility Consortium	G-30
6	China ITS International Cooperation Alliance & 7itsnews	G-51
7	DaehungInfor	G-20
8	Dmension	G-17
9	Double T	G-01
10	Drone Division & World Drone Sports Federation	G-62, G-63, G-64, G-65, G-66
11	Easy Traffic Technology	G-22
12	ECOBIT	G-21a
13	ESSYS	G-24
14	ETTIFOS	G-14
15	Gangneung City	P-03
16	GnT Solution	P-13
17	HANILSTM	P-12a
18	HANSYSTEM	G-56b
19	HYPERNOLOGY & DEEP IN SIGHT	G-03
20	Hyundai Power System	G-26c
21	IDCITI	G-39
22	INB	G-07
23	Innowireless	P-14
24	INTOSPACE	G-25
25	IRE SOLUTION	P-12b
26	ITRONICS	P-11
27	ITS Asia-Pacific	G-28
28	ITS Australia	P-07, P-09
29	ITS Singapore	P-18
30	ITS Taiwan	P-19
31	ITS World Congress 2025	G-19
32	JINWOO ATS	P-04
33	KOREA DRONE INNOVATION ASSOCIATION	G-26b
34	Korea Expressway Corporation	P-02b
35	Korea Expressway Service Corporation	G-50, G-52
36	Korea Road Traffic Authority	G-21b
37	Korea Transport Institute	P-02a
38	KT	G-10
39	Laon Road, Vanjee	G-31, G-32
40	MDPI	G-40
41	Metabuild	G-38a
42	MOLIT & ITS Korea	P-16
43	NyouL	G-55
44	PINTEL	G-33
45	PLATFORMBASE	G-02
46	RANiX	G-37a
47	REXGEN	P-17
48	ROTREX & REAAA Conference Goyang 2025	G-53
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50	SA TECH	G-08
51	SAESOL Tech	G-42
52	Seoul Robotics	G-12
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54	Signtelecom	G-38b
55	SMARTHAN	G-04
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59	Suwon Special City	P-15
60	Suzhou Transportation Bureau	G-45
61	Syntony GNSS	G-23
62	TANTANCORE	G-41
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EXHIBITION

EXHIBITION 전시회

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3	ITS 대만	P-19
4	ITS 미주 사무국	G-19
5	ITS 싱가포르	P-18
6	ITS 아태 사무국	G-28
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9	국토교통부 & ITS Korea	P-16
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12	드론디비젼 & 세계드론스포츠연합회	G-62, G-63, G-64, G-65, G-66
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17	메타빌드	G-38a
18	미래자동차 혁신융합대학사업단	G-30
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26	수원특례시	P-15
27	스마트한	G-04
28	스튜디오 갈릴레이	G-11, G-13
29	신토니 지엔에스에스	G-23
30	싸인텔레콤	G-38b
31	쑤저우 교통국	G-45
32	씨욘드	G-15
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No.	기관명	Booth No.
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38	에스유엠	G-61
39	에스트래픽	P-01
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41	에티포스	G-14
42	엔유엘	G-55
43	엠디피아이	G-40
44	우산씨앤씨	G-05
45	원우이엔지	P-12a
46	웨이즈원	P-06, P-08, P-10
47	유디엔에스	G-16, G-18
48	유알피	G-09
49	유인프라웨이	G-06
50	이노와이어리스	P-14
51	이레솔루션	P-12b
52	이씨스	G-24
53	이지트래픽	G-22
54	인투스페이스	G-25
55	지앤티솔루션	P-13
56	진우에이티에스	P-04
57	케이티	G-10
58	탄탄코어	G-41
59	톰스	G-37b
60	플랫폼베이스	G-02
61	핀텔	G-33
62	하이퍼놀로지 & 딥 인 사이트	G-03
63	한국교통연구원	P-02a
64	한국도로공사	P-02b
65	한국도로공사서비스	G-50, G-52
66	한국도로교통공단	G-21b
67	한국드론혁신협회	G-26b
68	한시스템	G-56b
69	한일에스티엠	P-12a
70	현대파워시스템	G-26c

EXHIBITION

BUSINESS MATCHING

The **2025 Suwon ITS Asia-Pacific Forum** will serve as a leading platform where key stakeholders in Intelligent Transport Systems (ITS) — including major companies, government agencies, and research institutions from across the Asia-Pacific region — come together in one place. Participants will have a valuable opportunity to share the latest technologies and policies, and to explore collaborative strategies for building sustainable future mobility.

In particular, the **Business Matching Program** is designed as a strategic networking platform to help participants achieve tangible outcomes. Through pre-scheduled one-on-one meetings between companies, public sector representatives, and academia, the program enables the discovery of new opportunities for collaboration. Participants can submit meeting requests online in advance, then connect in person during the Forum to engage in meaningful dialogue and build lasting partnerships.

2025 수원 ITS 아시아태평양 총회는 아시아태평양 지역의 주요 ITS(지능형 교통체계) 관련 기업, 정부 기관, 연구기관 등이 한자리에 모이는 대표적인 플랫폼입니다. 참가자들은 최신 기술과 정책을 공유하고, 지속가능한 미래 모빌리티를 위한 협력 방안을 모색하는 기회를 갖습니다.

특히, 비즈니스 매칭 프로그램은 실질적인 성과를 도출할 수 있도록 지원하는 전략적 네트워킹 플랫폼으로, 기업 간, 기업과 공공기관 간, 산업계와 학계 간의 1:1 미팅을 통해 새로운 협력 기회를 조성합니다. 사전 온라인 신청을 통해 미팅 대상자를 조율하고, 총회 기간 중 현장에서 직접 만나 소통하며 파트너십을 구축할 수 있도록 운영됩니다.

DATE May 28 (Wed) - 30 (Fri)
PLACE Business Matching Zone, Exhibition Hall, 1F

ITS TECHNOLOGY SHOWCASE

CONFERENCE STAGE

The Conference Stage at the 2025 Suwon ITS Asia-Pacific Forum offers a unique opportunity to explore the forefront of Intelligent Transport Systems through live presentations delivered by participating companies. Located within the Exhibition Hall, this program highlights a diverse range of technological advancements, practical solutions, and future-oriented initiatives that are shaping the mobility landscape across the Asia-Pacific region.
Attendees will gain valuable insights into real-world applications, industry trends, and pioneering developments directly from technology providers and innovators. Whether you are seeking strategic inspiration, potential partners, or a broader understanding of the ITS ecosystem, the Conference Stage will provide a compelling and informative experience.

2025 수원 ITS 아시아태평양 총회의 컨퍼런스 스테이지에서는 전시에 참여한 기업들이 직접 선보이는 첨단 기술과 솔루션을 현장에서 생생하게 만나볼 수 있습니다. 전시장 내에 마련된 이 프로그램은 아시아태평양 지역의 모빌리티 혁신을 이끄는 다양한 기술 동향과 실제 사례를 소개합니다.
참가자들은 ITS 분야의 최신 트렌드와 현장 적용 사례, 그리고 미래지향적인 기술 비전을 직접 확인하고, 발표자들과의 소통을 통해 보다 깊이 있는 통찰을 얻을 수 있습니다. 새로운 비즈니스 인사이트를 찾고 계시거나, 협력 기회를 모색하고 계시다면, 컨퍼런스 스테이지는 반드시 주목해야 할 프로그램입니다.

DATE May 28 (Wed) - 30 (Fri)
PLACE Conference Stage inside the Exhibition Hall, 1F

** The detailed presentation schedule will be available on-site.
** 자세한 발표일정은 현장에서 확인하실 수 있습니다.

DEMONSTRATIONS & TECHINICAL VISITS

기술시연 & 시찰

2025 SUWON AP FORUM

DEMONSTRATIONS & TECHNICAL VISITS

DEMONSTRATIONS 기술시연

The Technology Demonstration Program will showcase innovative solutions from leading Korean companies through both indoor and outdoor demonstrations.

기술 시연 프로그램은 국내 주요 기업들의 혁신적인 솔루션을 실내외 공간에서 선보이는 자리입니다.

DATE May 28 (Wed)-30 (Fri)
PLACE Exhibition Hall & Suwon

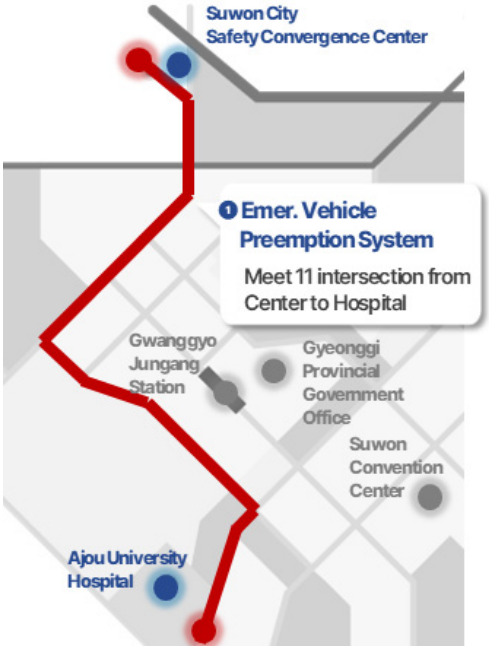
OUTDOOR DEMONSTRATIONS

Demo 01_AI Based ITS in Suwon & Emergency Vehicle Preemption

DATE May 29 (Thu): Morning / Afternoon
May 30 (Fri): Morning
PLACE Suwon City Safety Convergence Center
ORGANIZER Suwon City

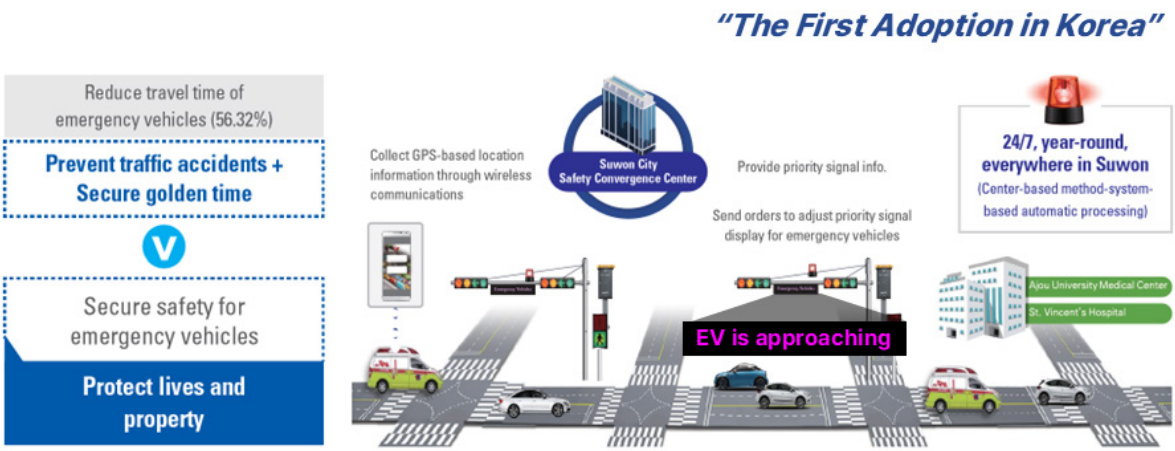
Experience Suwon City's smart transportation technologies in action at the Suwon City Safety Convergence Center. Learn how Suwon is addressing everyday traffic issues and working to create a safer and more efficient transportation environment through the following five key areas:

1. Traffic Flow Real-time road congestion monitoring and response strategies
2. Signal Operations Supporting emergency situations and improving traffic flow through signal management
   *Experience an Emergency Vehicle Preemption(vehicle signal priority system) inside a returning vehicle.
3. Bus Operations Monitoring and management, with strategies to improve efficiency
4. Traffic Safety Infrastructure and systems designed to enhance safety for both vehicles and pedestrians
5. Future Mobility Suwon's ongoing connected mobility projects and smart transportation systems



수원시 도시안전통합센터에서 수원의 스마트 교통 기술을 직접 체험해보세요. 일상 속 교통문제 해결과 더 안전하고 효율적인 교통 환경 조성을 위한 수원의 노력을 다음의 5가지 핵심 분야를 통해 확인할 수 있습니다

1. 교통 흐름 관리실시간 도로 혼잡 모니터링 및 대응 전략
2. 신호 운영: 긴급 상황 대응 및 교통 흐름 개선을 위한 신호 제어
   회차 차량 내에서 긴급차량 우선신호 시스템(Emergency Vehicle Preemption)을 체험할 수 있습니다.
3. 버스 운영: 모니터링 및 효율 향상을 위한 관리 전략
4. 교통 안전: 차량과 보행자 모두의 안전을 위한 인프라 및 시스템 구축
5. 미래 모빌리티: 수원이 추진 중인 초연결 기반의 스마트 모빌리티 사업



DEMONSTRATIONS 기술시연

Demo 02_Autonomous Driving

DATE May 28-30, 30-minute slots between 09:30-11:30 and 13:30-16:00
PLACE Gwanggyo Area
ORGANIZER S.U.M, Sonnet

In the autonomous vehicle demonstration, you will have the opportunity to witness firsthand how autonomous driving technology operates safely and precisely, even in complex urban environments.
Experience the vehicle navigating through intersections, crosswalks, and simulated emergency situations, demonstrating its ability to drive stably in a bustling city traffic environment.

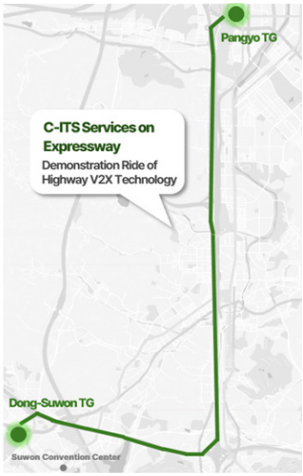
자율주행차 시연에서는 복잡한 도시 환경에서도 안전하고 정밀하게 작동하는 자율주행 기술을 직접 체험할 수 있습니다. 차량이 교차로, 횡단보도, 긴급상황 등을 스스로 인식하고 안정적으로 주행하는 모습을 통해 도심 교통 속에서도 신뢰할 수 있는 주행 성능을 확인해보세요.

Demo 03_C-ITS Services on Expressway

DATE May 29-30, Morning: 09:30-10:30
PLACE Gwanggyo Area
ORGANIZER Korea Expressway Corporation

The Highway C-ITS (Next-Generation Intelligent Transport System) demonstration will start from the Suwon Convention Center and cover a total distance of 25 km, passing through Dong-Suwon TG and Pangyo TG. This demonstration provides a hands-on opportunity to experience various V2X-based traffic services through real highway driving. During the demonstration, you will witness response services such as incident notifications and hazard zone alerts on the highway.

고속도로 C-ITS(차세대 지능형 교통체계) 시연은 수원컨벤션센터에서 출발하여 동수원TG와 판교TG를 경유하는 총 25km 구간에서 진행됩니다. 실제 고속도로 주행을 통해 V2X 기반의 다양한 교통 서비스를 직접 체험할 수 있는 기회이며, 주행 중에는 사고 알림, 위험구역 경고 등 다양한 상황 대응 서비스를 확인하실 수 있습니다.



Demo 04_Facility Inspection with Autonomous Drones

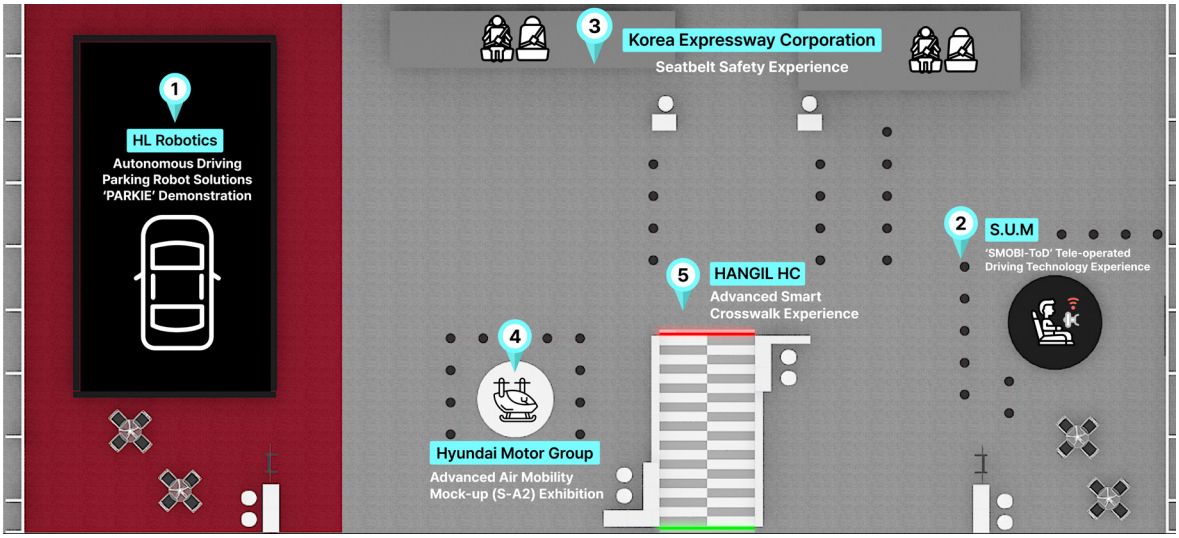
DATE May 28-30, Morning: 10:30 - 11:00, Afternoon: 14:30-15:00, 16:00-16:30
PLACE Suwon Convention Center Outdoor Exhibition Area
ORGANIZER Sierra BASE

Discover the world's first fully automated inspection technology based on autonomous formation flight with the SIRIUS solution. The drones autonomously generate inspection routes, fly, and analyze data using AI. This innovative technology enables autonomous inspections of various structures such as bridges, dams, and buildings. Experience a live demonstration as drones perform inspections on the exterior of the Suwon Convention Center.

세계 최초의 자율 편대비행 기반 완전 자동화 점검 기술인 SIRIUS 솔루션을 만나보세요. 드론이 스스로 점검 경로를 생성하고 자율 비행하며, AI를 활용해 데이터를 분석하는 이 혁신적인 기술은 교량, 댐, 건물 등 다양한 구조물의 점검을 자동화합니다. 수원컨벤션센터 외벽을 드론이 실시간 점검하는 시연을 현장에서 직접 체험해보시기 바랍니다.

DEMONSTRATIONS 기술시연

INDOOR DEMONSTRATIONS



Demo 1_Autonomous Driving Parking Robot Solutions 'PARKIE' Demonstration

DATE May 28 (Wed)-30 (Fri), 10:00-10:30, 15:00-15:30, 16:30-17:00
PLACE Exhibition Hall, 1F
ORGANIZER HL Robotics

Parkie, the autonomous parking robot, utilizes both LiDAR and vision sensors to detect and measure the incoming vehicle. Once the measurement is complete, a pair of robots coordinates to approach and enter beneath the vehicle. After positioning themselves under the vehicle, the two robots maintain inter-robot distance control to ensure stability, and transport the vehicle to the center of the parking platform. Upon arrival at the designated spot, the robots perform a 180-degree rotation in place, then proceed to park themselves along the edge of the platform, thereby completing the parking operation. For retrieval, the robots return to their initial standby positions, re-approach the vehicle, and follow the same sequence in reverse, mirroring the initial parking scenario to safely extract the vehicle.

자율주행 주차 로봇 '파키(Parkie)'는 차량을 인식하고 측정하기 위해 라이다(LiDAR)와 비전 센서를 함께 활용합니다. 측정이 완료되면, 두 대의 로봇이 협력하여 차량에 접근하고 차량 하부로 진입합니다. 로봇이 차량 아래에 정확히 위치한 후, 두 로봇은 서로 간의 간격을 유지하며 차량의 안정성을 확보하고, 주차 플랫폼 중앙까지 차량을 운반합니다. 지정된 지점에 도착하면, 로봇은 제자리에서 180도 회전한 후, 플랫폼 가장자리로 이동하여 스스로 주차함으로써 주차 작업을 마무리합니다. 차량 출차 시에는 초기 대기 위치로 복귀한 뒤, 차량에 다시 접근하여 주차 때와 동일한 절차를 역순으로 실행하여 안전하게 차량을 꺼냅니다.

Demo 2_'SMOBI-ToD' Tele-operated Driving Technology Experience

DATE May 28 (Wed)-30 (Fri), 10:30-12:00, 14:00-15:00, 15:30-17:00
PLACE Exhibition Hall, 1F
ORGANIZER S.U.M

SMOBI-ToD provides remote drivers with clear, high-quality video by applying an ultra-low latency streaming protocol and video interpolation technology. It minimizes blind spots with its 8-channel camera setup and enhances safety and reliability through the ToD-MRM system. This allows drivers to operate vehicles located far away while viewing real-time front-facing video, creating a driving experience similar to being in the actual vehicle.

SMOBI-ToD는 초저지연 스트리밍 프로토콜과 영상 보간 기술을 적용하여 원격 운전자에게 선명하고 고화질의 영상을 제공합니다. 8채널 카메라 구성을 통해 사각지대를 최소화하고, ToD-MRM 시스템을 통해 안전성과 신뢰성을 높였습니다. 이를 통해 운전자는 실제 차량에 있는 것처럼 실시간 전방 영상을 보며 멀리 떨어진 차량을 원격으로 조작할 수 있습니다.

Demo 3_Seatbelt Safety Experience

DATE May 28 (Wed)-30 (Fri)
30-minute slots between 09:30-12:00 and 14:00-17:30
PLACE Exhibition Hall, 1F
ORGANIZER Korea Expressway Corporation

Experience the importance of seatbelt use through the Traffic Accident Simulator by Korea Expressway Corporation. Realistic crash simulations, including frontal collisions and rollovers, show the dangers and impact of not wearing a seatbelt.

한국도로공사의 교통사고 체험 시뮬레이터를 통해 안전벨트 착용의 중요성을 직접 경험해보세요. 정면충돌과 차량 전복 등 현실적인 사고 시뮬레이션을 통해 안전벨트를 착용하지 않았을 때의 위험성과 충격을 생생하게 체감할 수 있습니다.

DEMONSTRATIONS 기술시연

Demo 4_Advanced Air Mobility Exhibition

DATE May 28 (Wed)-30 (Fri)
PLACE Exhibition Hall, 1F
ORGANIZER Hyundai Motor Group

Hyundai Motor Group has established an independent corporation called 'Supernal' in the US to lead the future mobility paradigm and is promoting Advanced Air Mobility development and business. The S-A2 aircraft Mock-up is the AAM model first announced at CES 2024, and we will lead the AAM market opening through continuous technological development in the future.

현대자동차그룹은 미래 모빌리티 패러다임을 선도하기 위해 미국에 독립 법인 'Supernal'을 설립하고, 도심항공교통 (AAM) 기술 개발 및 사업을 본격적으로 추진하고 있습니다. 이번에 전시되는 S-A2 항공기 모형은 CES 2024에서 처음 공개된 AAM 모델로, 앞으로도 지속적인 기술 개발을 통해 AAM 시장 개척을 이끌어갈 예정입니다.

Demo 5_Advanced smart crosswalk Experience

DATE May 28 (Wed)-30 (Fri)
PLACE Exhibition Hall, 1F
ORGANIZER HANGIL HC Co., Ltd.

1) The system detects pedestrians approaching or waiting at crosswalks using LIDAR or RADAR technology and supports safe and convenient mobility by providing voice guidance.
   In addition, the voice guidance device can be activated via a mobile application, offering real-time information about the pedestrian's current location and the status of the signal light.
2) In-ground recessed pedestrian signal lights that give the same red/green signals as pedestrian signals, maximizing visibility, and in intelligent(premium) products, they are animated, displaying (and/or scrolling) phrases (Korean, English and any languages) and symbols such as go or stop, providing pedestrians with intuitive information on the current pedestrian signal status.
3) While the previous residual time indicator only predicted pedestrian waiting time by displaying green residual time, this integrated residual time indicator additionally displays the residual time of red signals, enabling pedestrians to predict the estimated time of the next green signal and prevent jaywalking.

1) LIDAR(또는 RADAR)를 이용해 횡단보도에 접근하거나 대기 중인 보행자를 감지하고, 음성 안내를 제공함으로써 안전한 보행과 이동을 지원합니다. 동시에 휴대폰 앱과 연동된 음성 안내 장치를 통해 현재 위치 및 보행 신호등 상태를 안내합니다.
2) 보행 신호와 동일한 빨간색/초록색 신호를 제공하는 바닥 매립형 보행자 신호등은 가시성을 극대화하며, 고급형 제품의 경우 애니메이션으로 '건너기', '정지' 등의 문구(한글, 영어, 기타 언어)나 기호를 표시하여 보행자에게 직관적인 정보를 제공합니다.
3) 기존의 잔여 시간 표시기가 초록불의 잔여 시간만 보여주었다면, 이 통합형 잔여 시간 표시기는 빨간불의 잔여 시간도 함께 제공하여 보행자가 다음 초록불까지의 대기 시간을 예측할 수 있도록 도와주고, 무단횡단을 예방합니다.

TECHNICAL VISITS 기술시찰

TV01_Korea Expressway Corporation(KEC) Traffic Center

DATE May 27 (Tue), 14:00-16:30
May 29 (Thu), 14:00-16:30

CAPACITY 10 persons per day
COST US$70

The Korea Expressway Corporation(KEC) Traffic Center operates seamlessly 24/7, collecting and analyzing traffic data, managing traffic conditions, and providing real-time updates to ensure faster and safer expressway nationwide.
Equipped with advanced traffic management systems, including over 8, 000 CCTVs and 3, 000 vehicle detectors, the KEC center works seamlessly with 8 regional headquarters and 56 branch control rooms to deliver optimal traffic management.
The center analyzes and processes collected data to provide real-time traffic information, such as travel times congestion levels by section. Additionally, it produces its own traffic broadcasts, delivering over 30 updates daily through TV, radio, and other media outlets.

한국도로공사 교통센터는 전국 고속도로의 원활하고 안전한 소통을 위해 24시간 365일 실시간으로 교통 데이터를 수집·분석하고, 교통 상황을 관리하며, 신속한 정보를 제공합니다.8, 000대 이상의 CCTV와 3, 000여 개의 차량검지기를 포함한 첨단 교통관리시스템을 기반으로, 8개 지역본부와 56개 지사 관제실과의 긴밀한 협조 아래 효율적인 교통 운영을 수행하고 있습니다.수집된 데이터를 바탕으로 각 구간별 소요 시간과 혼잡도 등 실시간 교통정보를 분석·제공하며, 자체적으로 제작한 교통 방송은 TV, 라디오 등 다양한 매체를 통해 하루 30회 이상 송출됩니다.

TV02_Smart City Integrated Center in Anyang City

DATE May 27 (Tue), 14:00-17:30
May 29 (Thu), 14:00-17:30

CAPACITY 15 persons per day
COST US$70

The Smart City Integrated Center in Anyang is a cutting-edge system designed to provide a wide range of integrated services to residents including traffic management, safety, disaster prevention, welfare, environment, and infrastructure. The center aims to enhance the citizen convenience, ensure systematic urban management, and improve the safety and welfare of Anyang residents by establishing “A Smart City foundation”.
The key difference of this center is its integrated system that connects and integrates various services into a single platform, enabling quick and coordinated responses between departments during emergencies.

안양 스마트도시통합센터는 교통, 안전, 재난예방, 복지, 환경, 인프라 등 다양한 분야의 통합 서비스를 시민들에게 제공하기 위해 구축된 최첨단 시스템입니다. 이 센터는 ‘스마트시티 기반 구축’을 통해 시민 편의 향상, 체계적인 도시 관리, 시민의 안전과 복지 증진을 목표로 하고 있습니다. 특히, 이 센터의 핵심적인 차별점은 여러 도시 서비스를 하나의 통합 플랫폼으로 연계·통합하여, 긴급 상황 시 부서 간 신속하고 유기적인 대응이 가능하다는 점입니다

TECHNICAL VISITS 기술시찰

TV03_K-City (Autonomous Vehicle Testbed)

DATE May 27 (Tue), 14:00-17:30
May 28 (Wed), 14:00-17:30

CAPACITY 30 persons per day
COST US$70

K-City is the autonomous vehicle pilot city operated by the Korea Automobile Testing & Research Institute (KATRI). It spans 360, 000 m² and replicates real-world road conditions, traffic facilities, and communication environments. The pilot city features five main road traffic environments: vehicle-only road, city center, community part, suburban road, and automatic parking facility. With 35 types of facilities, K-City offers a testbed environment closely reflecting domestic traffic characteristics.
K-City supports the technological development of autonomous vehicle and ensures its safety. Open to all, it contributes to driving the Fourth Industrial Revolution and fostering innovation.

K-City는 한국교통안전공단 자동차안전연구원이 운영하는 자율주행차 전용 시험도시로, 실제 도로와 유사한 36만㎡ 규모의 환경을 갖추고 있습니다. 고속도로, 도심, 교외도로, 커뮤니티 구역, 자동주차시설 등 5가지 주요 교통 환경과 35종의 시험 시설을 통해 다양한 자율주행 기술 실증이 가능합니다. 누구에게나 개방되어 있어 자율주행차의 기술개발과 안전성 확보를 지원하며, 4차 산업혁명과 모빌리티 혁신을 선도하는 테스트베드로 자리매김하고 있습니다.

TV04_Seoul TOPIS(Transport Operation & Information Service)

DATE May 27 (Tue), 13:30-17:30
May 28 (Wed), 13:30-17:30

CAPACITY 30 persons per day
COST US$70

Seoul TOPIS is a smart metropolitan traffic management center that collects and analyzes traffic data on the operation of buses, subways, taxis, autonomous vehicles, as well as user numbers, speeds, traffic flow, accidents, and other related information. It is responsible for managing and controlling all traffic in Seoul, including real-time traffic management.
In addition, TOPIS integrates traffic data to provide various information, supports convenient mobility of citizens, and assists scientifically based public transportation policy decisions.

Seoul TOPIS (Seoul Transport Operation and Information Service)는 서울시 전역의 교통을 실시간으로 관리하고 제어하는 스마트 도시형 교통관리센터입니다. 버스, 지하철, 택시, 자율주행차 등의 운영 데이터를 수집·분석하며, 교통량, 속도, 사고 등의 정보를 통합해 교통 흐름을 종합적으로 모니터링합니다. 또한 통합된 교통 데이터를 기반으로 시민들의 이동 편의를 지원하고, 과학적인 대중교통 정책 수립에도 기여하고 있습니다.
방문 시, 세계적인 수준의 도시 교통 운영 시스템과 데이터를 활용한 정책 수립 과정을 직접 확인해볼 수 있습니다.

TV05_SKT T.um (Gallery of Future ICT Technologies)

DATE May 29 (Thu), 14:00-17:30

CAPACITY 10 persons

COST US$70

Located within SK Telecom's headquarters in Euljiro, Seoul, T.um is an interactive exhibition hall where visitors can explore the future made possible through the convergence of ICT and industry.

The name T.um combines the "T" from Technology and Telecommunications with "um", a Korean word meaning "to sprout." This embodies SK Telecom's philosophy of nurturing the future through innovation in ICT.

Unlike traditional corporate exhibition spaces that focus on one-way information delivery or function-based displays, T.um offers a dynamic environment where visitors can directly engage with a wide range of ICT technologies.

Through these immersive experiences, T.um brings to life SK Telecom's corporate spirit of connecting people through advanced technology.

서울 을지로에 위치한 SK텔레콤 본사 내에 자리한 T.um(티움)은 ICT 기술과 산업의 융합을 통해 만들어질 미래를 체험할 수 있는 전시관입니다. 'T.um'이라는 이름은 Technology(기술)와 Telecommunications(통신)의 'T'와, 새싹이 트다라는 뜻의 한국어 '움'을 결합한 것으로, 새로운 ICT 기술로 미래를 키워가고자 하는 SK텔레콤의 철학을 담고 있습니다. T.um은 일방적인 정보 전달이나 기능 중심의 체험에 그쳤던 기존 기업 전시관의 틀을 넘어, 관람객들이 다양한 ICT 기술을 직접 체험할 수 있는 환경을 제공합니다. 이를 통해 사람과 사람을 첨단 기술로 연결하는 SK텔레콤의 기업 정신을 생생하게 보여줍니다.

TECHNICAL VISITS 기술시찰

TV06_HYUNDAI Motorstudio & DMZ

DATE May 27 (Tue), 09:00-17:00

CAPACITY 30 persons

COST US$100

<HYUNDAI MOTORSTUDIO GOYANG>

Hyundai Motorstudio Goyang is the largest mobility park in Korea, offering visitors an immersive experience where they can learn about the functionality and manufacturing processes of automobiles. Through interactive exhibits that engage sight, sound, and touch, visitors can discover a deeper understanding of mobility, going beyond just transportation.

<DEMILITARIZED ZONE(DMZ) & PAJU IMJINGAK PEACE GONDOLA>

The DMZ (Demilitarized Zone) is a one-of-a-kind destination on Earth, serving as both a historical symbol of division and a hopeful reminder of peace. Stretching 250 kilometers between North and South Korea, it offers a unique experience unlike anywhere else, combining untouched natural beauty with profound historical significance. Nearby, the Paju Imjingak Peace Gondola offers a 1.7-kilometer round trip across the Civilian Control Line (CCL), providing stunning views and a serene way to enhance your DMZ visit.

<현대 모터스튜디오 고양>

현대 모터스튜디오 고양은 국내 최대 규모의 모빌리티 테마 공간으로, 자동차의 기능과 제작 과정을 직접 체험하며 배울 수 있는 몰입형 전시관입니다. 시각, 청각, 촉각을 자극하는 인터랙티브 전시를 통해 단순한 이동 수단을 넘어, 모빌리티의 본질과 가치를 깊이 있게 체험할 수 있습니다.

<비무장지대(DMZ) & 파주 임진각 평화 곤돌라>

비무장지대(DMZ)는 세계에서 유일무이한 장소로, 분단의 역사적 상징이자 평화에 대한 희망의 메시지를 동시에 담고 있습니다. 남북한 사이에 걸쳐 약 250km에 이르는 이 지역은 손대지 않은 자연의 아름다움과 깊은 역사적 의미가 어우러진 특별한 경험을 선사합니다.인근에 위치한 파주 임진각 평화 곤돌라는 민간인통제선을 넘어 왕복 1.7km 구간을 운행하며, 아름다운 경관을 감상할 수 있는 평화로운 이동 수단으로 DMZ 방문을 더욱 풍성하게 만들어줍니다.

SIDE EVENTS
부대행사

2025 SUWON AP FORUM

SIDE EVENTS

ITS THON ITS 아이디어톤

ITS THON

As part of the 2025 Suwon ITS Asia-Pacific Forum, the ITS Ideathon invites young talents to propose innovative ideas under the theme “Proposals for the Future Development of ITS in Suwon.” This program encourages fresh thinking to shape the next generation of smart mobility and Intelligent Transport Systems. Finalist teams will receive mentoring and present their ideas during the Forum, with outstanding teams selected for awards.

2025 수원 ITS 아시아·태평양 총회의 일환으로 진행되는 ITS 아이디어톤은 *‘수원의 미래 ITS 발전을 위한 제언’*을 주제로, 청년들의 창의적이고 혁신적인 아이디어를 공모하는 프로그램입니다. 차세대 지능형 교통체계와 스마트 모빌리티 구현을 위한 새로운 발상을 발굴하고자 합니다. 본선에 진출한 팀들은 멘토링을 통해 아이디어를 구체화한 뒤 총회 기간 중 발표하며, 우수 팀에게는 시상이 주어집니다.

ITS 아이디어톤 개요

기간	2025. 5. 28(수) – 5. 30(금)
장소	수원컨벤션센터, 401호
주제	“수원의 미래 ITS 발전을 위한 제언“
주최	수원특례시, 아주대학교
주관	수원ITS 아태총회 조직위원회, 아주대학교 미래자동차 혁신융합대학사업단
참가대상	12개팀 내외 (ITS)에 관심있는 대학(원)생
시상	국토교통부 장관상, 수원시장상, 아주대학교 총장상
주요 프로그램	해외 ITS 성공사례 및 혁신 아이디어 공유 도시안전통합센터 견학, 팀별 멘토링 프로그램 정책 및 아이디어 개발, 최종 발표 및 평가

ITS FUN

During the 2025 Suwon ITS Asia-Pacific Forum, ITS FUN (public zone) will take place in the Exhibition Hall Lobby and the outdoor Open Plaza on the first floor of Suwon Convention Center. This vibrant public zone offers a unique blend of technology and culture, featuring a local flea market showcasing Suwon's charm, hands-on workshops, and immersive experiences like a VR-based MBTI test. Visitors can also enjoy live busking performances, food trucks, and interactive photo zones. ITS FUN is designed to let you explore cutting-edge ITS technologies while engaging with the local culture in a fun, accessible setting.

2025 수원 ITS 아시아·태평양 총회 기간 동안, ITS FUN은 수원컨벤션센터 1층 전시홀 로비와 야외 광장에서 운영됩니다. 이 공간은 수원의 매력을 담은 플리마켓, 직접 참여할 수 있는 체험형 워크숍, VR 기반 MBTI 체험 등 기술과 문화를 동시에 즐길 수 있는 다채로운 콘텐츠로 구성되어 있습니다. 또한 버스킹 공연, 푸드트럭, 포토존 등도 마련되어 있어, 최첨단 ITS 기술을 관람하면서도 지역 문화를 체험할 수 있는 즐거운 공간으로 꾸며집니다.

SIDE EVENTS

WORKSHOPS / ASSOCIATED EVENTS

OPEN THE NEXT: 10 Years of Mobility Innovation and the Future

HOST ORGANIZATION Kakao Mobility
DATE & TIME May 28 (Wed) 11:00-12:30
VENUE Room 205, Suwon Convention Center
EVENT OVERVIEW This academic session aims to highlight the leading position of Korean mobility platforms from an academic perspective through the ITS Asia-Pacific Congress. It presents the 10-year history of mobility innovation, current data-based technologies, and future directions. Through presentations on Kakao Mobility's 10th anniversary achievements, autonomous driving technology strategies, and robot-based new business strategies, we share our technological capabilities and vision through exchanges with academic and industry experts.

ITS 아태 총회를 통해 한국 모빌리티 플랫폼의 선도적 위치를 학술적 관점에서 조명하고, 지난 10년간의 모빌리티 혁신 역사와 데이터 기반 현재 기술, 그리고 미래 방향성을 제시합니다. 카카오모빌리티의 10주년 성과 발표와 자율주행 기술 전략 및 로봇 기반 신사업 전략을 논의하는 학술 세션으로, 학계 및 산업계 전문가들과의 교류를 통해 기술력과 비전을 공유합니다.

Briefing session of road information document managers of local governments nationwide in 2025

HOST ORGANIZATION Ministry of Land, Infrastructure and Transport(MOLIT), Land and Geospatial Informatix Corporation(LX)
DATE & TIME May 28 (Wed) 13:00-15:00 / 15:00-17:00
VENUE Room 405, Suwon Convention Center
EVENT OVERVIEW Following the revision of the Road Act, digital road information documents will be expanded to local governments across the country, and a briefing session will be held for local government officials in charge of road information documents

도로법 개정('25.2.)에 따라 디지털 도로대장 작성 대상이 전국 지방자치단체로 확대 시행되어 지자체 도로대장 담당자를 대상으로 설명회 개최

2025 Plug & Go Autonomous Driving and V2X Workshop

HOST ORGANIZATION The Korean Society of Intelligent Transport Systems
DATE & TIME May 28 (Wed), 13:30~17:00
VENUE Room 407-408, Suwon Convention Center

2025 First Half K-PLUGTEST

HOST ORGANIZATION Ministry of Land, Infrastructure and Transport(MOLIT),
Cooperative Automated Driving Industry Development Council

DATE & TIME May 28 (Wed) – May 30 (Fri)

VENUE Room 202+203, Suwon Convention Center

EVENT OVERVIEW K-PLUGTEST is a testing event to strengthen the technological capabilities of related manufacturers. It uses certification and testing equipment that applies the latest domestic and international standards, specifications, and technologies related to C-ITS to verify the communication performance and service compatibility of smart infrastructure, thereby achieving successful smart infrastructure construction and providing smooth services.
*Access to the K-PLUGTEST is restricted to registered participants only.

K-PLUGTEST는 관련 제조업체의 기술 역량 강화를 위한 시험 행사로 C-ITS 관련 최신 국내외 표준, 규격, 기술을 적용한 인증 및 시험 장비를 활용하여 스마트 인프라의 통신 성능 및 서비스 호환성 검증을 통해 성공적인 스마트 인프라 구축과 원활한 서비스 제공을 목표로 합니다.
*상호호환성 시험은 시험 참여를 위해 등록된 인원에 한하여 출입이 가능합니다.

ITS × Mobility, Convergence of Emerging and Cross-Domain Technologies – Trends and Applications of AI and Robotic Technologies

HOST ORGANIZATION ITS KOREA

DATE & TIME May 29 (Thu) 13:30-17:00

VENUE Room 407-408 Suwon Convention Center

EVENT OVERVIEW This seminar aims to drive the adoption of ITS technologies and stimulate industry growth by sharing the latest trends and demonstration projects from both Korea and abroad.

* Event Information
Open Seminar | Free Admission | Conducted in Korean
Advance registration required (first-come, first-served)
On-site registration may be limited depending on seat availability.

ITS 기술 동향 및 산업계 국내외 실증 사례 공유를 통해 ITS 기술 확산과 산업계 실질적 성장 및 활성화 견인하고자 함

* 안내
본 세미나는 누구나 참여할 수 있는 공개 세미나로, 한국어로 진행되며 참가비는 없습니다.
사전 신청자에 한해 선착순으로 참여 가능하며, 좌석 상황에 따라 현장 등록은 제한될 수 있습니다.

SIDE EVENTS

WORKSHOPS / ASSOCIATED EVENTS

Seminar on "Enhancing Security to Revitalize Mobility"

HOST ORGANIZATION	Korean Drone Innovation Association
DATE & TIME	May 29 (Thu) 13:20-17:00
VENUE	Room 406, Suwon Convention Center
EVENT OVERVIEW	As mobility becomes active and threats increase, security is strengthened, Hosted by the Korea Drone Innovation Association and Myongji University's Defense Security Research Institute, civil and military officials Seminar on "Enhancing Security to Revitalize Mobility" under sponsored civil-military technical cooperation 모빌리티가 활성화되는 가운데, 위협도 증가함에 따라 보안 강화 관련, (사)한국드론혁신협회와 명지대학교 방산안보연구소가 주최(관)하고 민·군이 후원하는 민군 기술협력 하『모빌리티 활성화를 위한 보안 강화』세미나

Meeting of heads of COSS-Future Mobility Consortium

HOST ORGANIZATION	Center for Convergence and Open Sharing System Future Mobility Of Ajou University
DATE & TIME	May 29 (Thu) 16:00
VENUE	Room 403, Suwon Convention Center
EVENT OVERVIEW	Meeting of heads of COSS-Future Mobility Consortium 첨단분야 혁신융합대학사업 미래자동차 분야 단장 및 실무진 참석 회의

Launching Ceremony of the Regional Council for Intelligent Transportation

HOST ORGANIZATION	ITS KOREA
DATE & TIME	May 28 (Wed), 14:00~15:00
VENUE	Room 403, Suwon Convention Center

ITS and Toll Collection System technology on expressways

HOST ORGANIZATION	Korea Expressway Corporation
DATE & TIME	May 29 (Thu) 14:00-15:30 / 16:00-17:30 May 30 (Fri) 10:00-11:30
VENUE	Room 402, Suwon Convention Center
EVENT OVERVIEW	Session for in-depth discussion on ITS and Toll Collection System technology on expressways 고속도로 ITS 및 통행료수납시스템 기술에 대한 심층 토론의 장

PERFORMANCES 공연소개

Song Sohee 송소희

(Opening Ceremony)

Recognized as a leading Korean folk singer specializing in Gyeonggi minyo, Song Sohee first gained national attention in 2008 when she won the grand prize on the television show National Singing Contest. Since then, she has performed on numerous stages and broadcasts, widely promoting the beauty of traditional Korean music (gugak).
Song Sohee is an artist who reinterprets the elegance of gugak with a modern sensibility, contributing significantly to its popularization and globalization. Her music transcends the boundaries between tradition and modernity, opening new horizons for Korean traditional music.

가수 송소희는 대한민국 대표 경기민요아티스트로 2008년 ' 전국노래자랑 ' 대상 수상으로 대중에 이름을 알렸습니다. 이후 다양한 무대와 방송에서 활약하며, 전통 국악의 아름다움을 널리 알리고 있습니다. 전통 국악의 아름다움을 현대적인 감각으로 재해석하여, 국악의 대중화와 세계화에 기여하고 있는 아티스트입니다.

Gyeonggi Sinawi Orchestra 경기시나위 오케스트라

(Opening Ceremony)

The Gyeonggi Sinawi Orchestra was founded in 1996 with the mission of preserving and developing Korean traditional music centered around the sounds of Gyeonggi Province. While rooted in tradition, the ensemble is known for its experimental and innovative approach, presenting new directions for contemporary Korean music.
By reinterpreting sinawi, a traditional improvisational musical form, in a modern context, the orchestra explores collaborations across diverse genres. Through performances on major stages in Korea and abroad, it plays a pivotal role in expanding the horizons of Korean music and continues to lead performance-based artistic activities.

경기시나위오케스트라는 1996년 '경기도의 소리를 중심으로 한 한국 전통 음악의 계승 및 발전'을 목표로 창단하였습니다. 전통에 뿌리를 두면서도 실험적이고 혁신적인 시도를 통해 현대 국악의 새로운 방향을 제시하고 있는 대표적인 예술단체입니다.
전통 음악 형식인 '시나위'를 현대적으로 재해석하여 다양한 장르와의 협업을 시도하고 있으며 국내 주요 무대는 물론 해외 공연을 통해 한국 음악의 새로운 지평을 넓히는 데 기여하며 공연 중심의 활동을 하고 있습니다.

SIDE EVENTS

PERFORMANCES 공연소개

Gyeonggi Provincial Dance Company 경기도 무용단

(VIP Dinner)

The Gyeonggi Provincial Dance Company, established in 1993, is a leading arts organization dedicated to advancing traditional Korean dance and enriching the cultural life of Gyeonggi residents. The troupe continues to strive for deeper, more intimate engagement with its audiences. Through this performance, which marks the beginning of the 2025 season, the company aims to breathe new life into the stage and offer comfort and healing to citizens worn out by social and economic challenges. It is envisioned as a space where the past and present, the self and others, come together in unity.

경기도무용단은 1993년 창단된 경기도 대표 예술단체로, 우리 춤의 발전과 도민의 문화예술 향유를 위해 활동해오고 있습니다. 관객과 더 가까이 소통하기 위해 지속적으로 노력해온 경기도무용단은 이번 무대를 통해 2025년 공연의 시작에 활력을 더하고, 사회·경제적으로 지친 시민들에게 위로와 상생의 메시지를 전합니다. 과거와 현재, 나와 너를 넘어 함께 어우러지는 무대를 선보입니다.

Suwon City Chorale 수원시립합창단

(VIP Luncheon)

With warm and moving harmonies, the Suwon City Chorale aspires to represent the pinnacle of choral music on the global stage. As a cultural ambassador, the Chorale proudly promotes Korean choral music internationally, leaving a lasting impression on audiences around the world.
Through innovative performance content and deeply refined musical expression, the Chorale captures the inherent beauty of music. It also reflects the spirit of the times, delivering fresh and distinctive choral works that resonate with emotional depth and originality.

따뜻한 감동의 하모니로 '세계 정상의 합창음악'을 지향하는 수원시립합창단은 세계무대에서 그 이름을 각인시키며 한국합창음악을 국제 사회에 알리는 문화홍보대사로서의 역할을 담당하고 있으며 더욱 혁신적인 공연 컨텐츠와 깊이 있고 성숙한 음악으로 음악이 가진 본연의 아름다움을 표현함은 물론 시대의 흐름을 반영한 새롭고 독보적인 합창음악의 감동을 선사하고 있습니다.

Pop Soprano, Han Ahreum 팝소프라노 한아름

(Welcome Reception)

Currently serving as an adjunct professor in the Department of Musical Theater at Baekseok Arts University, she also participated in the OST for the SBS drama The Legend of the Blue Sea. Most recently, she completed a nationwide tour with baritone Kim Dong-kyu's premium concert series, actively engaging with the public through her performances.

(현)백석예술대학교 뮤지컬과 겸임교수로 SBS드라마 '푸른 바다의 전설' OST에도 참여하였으며 최근 바리톤 김동규 프리미엄 콘서트 전국투어를 마치며 대중과 적극적으로 소통하고 있습니다.

Melo Daily Life 멜로일상

(Busking)

A collaboration between ten professional vocalists from the Suwon City Chorale and the band Melo Ilsang—featuring drums, guitar, bass, synthesizer, and saxophone—promises a rich sound and a refined, high-quality performance.

수원시립합창단의 전문 성악가 10명과 드럼, 기타, 베이스기타, 신디, 색소폰으로 구성 되어 있는 멜로일상 밴드 팀과 콜라보로 풍성한 사운드와 품격있는 무대를 선사합니다.

SIDE EVENTS

PERFORMANCES 공연소개

Suwon Philharmonic Orchestra 수원시립교향악단

(Gala Dinner)

Widely loved as Suwon's premier cultural ambassador, the Suwon Philharmonic Orchestra has been at the forefront of Korea's classical music scene since its founding in 1982. With strong support from music lovers, the orchestra has presented a wide range of performances, earning a reputation for its outstanding musicality and refined ensemble.

수원의 대표 문화사절로 사랑받고 있는 수원시립교향악단은 1982년 창단 이후 음악애호가들의 탄탄한 지지와 사랑 속에 다양한 연주활동을 선보이며 수준 높은 연주력과 앙상블을 바탕으로 국내 음악계의 연주문화를 선도하는 최정상의 교향악단입니다.

Gyeonggi Children's Choir 경기소년소녀합창단

(Gala Dinner)

Since its founding, the Gyeonggi Children's Choir has created beautiful harmony through the voices of children, presenting a wide range of performances that span traditional classical choral works, solo and ensemble singing, musical theater, and more. The choir continues to explore and perform diverse genres at a high artistic level.

More recently, the choir established the Gyeonggi Show Choir, showcasing dynamic K-pop-inspired choral performances. Actively invited to major events not only in Suwon but across the region, the group is expanding its presence through energetic and creative musical activities.

경기소년소녀합창단은 전통 클래식 합창은 물론 독창, 중창, 뮤지컬 등 다양한 형태의 퍼포먼스를 통해 폭넓은 음악 활동을 이어오고 있는 예술 단체입니다. 아이들의 맑은 목소리로 조화로운 하모니를 만들어내며 수준 높은 무대를 선보이고 있으며, 최근에는 '경기 쇼콰이어'를 창단해 K-POP 기반의 청소년 합창 퍼포먼스로도 주목받고 있습니다. 수원시를 비롯한 다양한 주요 행사에 초청되며 활발한 활동을 이어가고 있습니다.

DRONE ART SHOW 드론아트쇼

(Welcome Reception)

Following the Welcome Reception, a special drone art show will take place at the outdoor open plaza to celebrate the opening of the ITS Asia-Pacific Forum. This breathtaking performance lighting up the night sky will offer a memorable moment to share the vision of future mobility. Live busking performances will also be held on-site, creating a more vibrant and enjoyable atmosphere for all participants.

환영 리셉션 이후에는 야외 오픈 프라자에서 ITS 아태총회의 개최를 기념하는 특별한 드론아트쇼가 펼쳐집니다. 밤하늘을 수놓는 환상적인 퍼포먼스를 통해 미래 모빌리티의 비전을 함께 공유하는 감동적인 순간이 이어지며, 현장에서는 버스킹 공연도 함께 진행되어 더욱 풍성하고 즐거운 분위기를 만끽하실 수 있습니다.

ROONIL'S LOUNGE 루닐스 라운지

(Busking)

Roonil's Lounge is a jazz trio led by vocalist Roonil, featuring piano and contrabass. The band offers a soothing and stable soundscape through easy listening jazz and classic old pop.
With a captivating voice, delicate piano touch, and steady rhythmic bass, Lunil's Lounge creates a relaxed atmosphere that is both elegant and emotionally resonant.

<루닐스 라운지> 는 재즈보컬리스트 루닐을 중심으로 피아노, 콘트라베이스로 구성되어 편안하고 안정적인 곡들을 연주합니다. 매력적인 음색, 섬세한 피아노 터치, 흔들리지 않는 리듬감의 베이스가 돋보이며 이지리스닝 재즈와 올드팝으로 편안하고 안정적인 사운드를 만들어내는 재즈밴드 입니다.

HIGHMAGIC 하이매직

(Busking)

High-Magic is a professional magic performance team composed of Korea's top-tier magicians, renowned for delivering high-quality shows that blend visual excellence with artistic flair.Their customized performances—tailored to different age groups and event types—bring awe and delight to a wide range of audiences.

하이매직은 국내 정상급 마술사들이 모여 결성한 전문 마술 공연 팀으로, 시각적 완성도와 예술성을 겸비한 고품격 퍼포먼스를 선보입니다. 연령대와 행사 유형에 맞춘 맞춤형 마술 공연을 통해 다양한 관객에게 감동과 놀라움을 전합니다.

SIDE EVENTS

PERFORMANCES 공연소개

Classical & Crossover Concert 클래식 & 크로스오버 콘서트

(Busking)

From beloved classical masterpieces to pop songs, film scores, and musical numbers, this vibrant performance reinterprets a wide range of music in a classical style—delivering a moving and unforgettable crossover experience.

클래식 명곡부터, 팝송·영화음악·뮤지컬 넘버 등을 클래식 스타일로 재해석한 감동의 크로스오버 공연까지 다채롭게 펼쳐집니다.

OHAH 오아

(Busking)

With warm sensitivity and refreshing energy, singer-songwriter O-A is often described as a "human vitamin." She transforms everyday emotions into music, creating performances that resonate with people of all ages—especially with youth chasing their dreams.Specializing in rock and ballad genres, O-A delivers heartfelt messages of encouragement and hope through her songs.

따뜻한 감성과 청량한 에너지를 담은 '인간 비타민' 같은 아티스트로 일상의 감정을 음악으로 풀어내며, 꿈을 향해 달려가는 모든 청춘들과 남녀노소 누구나 공감할 수 있는 무대를 완성합니다. 응원의 메시지를 전하는 인간비타민 싱어송라이터 오아, 주로 락, 발라드 장르의 음악을 합니다.

GENERAL INFORMATION

일반안내

2025 SUWON AP FORUM

ORGANIZING COMMITTEE 조직위원회

PLANNING COMMITTEE 기획분과위원회

김정희 국토교통과학기술진흥원 원장
서범규 한국도로교통공단 이사
채명기 수원특례시 시의회 환경안전위원장
박선영 한국교통안전공단 자동차안전연구원 원장
어명소 한국국토정보공사 사장
박동선 한국토지주택공사 이사
김복환 한국해외인프라도시개발지원공사 사장

FINANCE COMMITTEE 재정분과위원회

우삼명 기업은행 경수지역 본부장
문선희 세무법인 BnH 상무
김재옥 수원상공회의소 회장
한동진 (주)지슨 대표이사

SCIENTIFIC PROGRAM COMMITTEE 학술분과위원회

윤효진 경기대학교 교수
심교언 국토연구원 원장
이동민 대한교통학회 수석부회장
최기주 아주대학교 총장
박선규 한국건설기술연구원 원장
김영찬 한국교통연구원 원장
박철우 한국도로학회 회장
권장우 한국 ITS 학회 회장

PROMOTION RELATIONS & EVENTS COMMITTEE 홍보 및 행사분과 위원회

채승언 대보정보통신(주) 대표이사
김정훈 (주)대우건설 상무
안순현 렉스젠(주) 대표이사
조풍연 메타빌드(주) 대표이사
김병성 (주)바이다 대표이사
박영기 (주)싸인텔레콤 대표이사
이재현 에스트래픽(주) 사장

유승모 (주)엠큐닉 대표이사
박석성 (주)유신 CEO/부회장
정진태 진우에이티에스(주) 대표이사
홍주형 (주)트라콤 대표이사
최정균 (주)포스코이앤씨 상무
차영일 현대건설(주) 상무
나기호 현대자동차(주) 상무
이순국 경기일보 사장
김광제 수원컨벤션센터 본부장
김경태 연합뉴스 본부장
문보경 전자신문 부장
김종훈 한국관광공사 본부장

TECHNICAL PROGRAM COMMITTEE 기술분과 위원회

이석중 (주)라온로드 대표이사
강은교 롯데이노베이트(주) 상무
황귀현 스마트도시협회 전무
김덕수 아우토크립트(주) 대표이사
김일영 SK텔레콤(주) 상무
이한상 SK플래닛(주) 대표이사
최우열 (주)카카오모빌리티 부사장
고태국 (주)KT 법인고객단장
고재현 티맵모빌리티(주) 총괄부사장
김기택 한국자동차모빌리티산업협회 상무
정광복 자율주행기술개발혁신사업단 단장

FORUM INFORMATION 행사안내

REGISTRATION 등록

All participants are required to check-in at the Registration Desk. Each registered participant will receive a registration kit with name badge. The Registration Desk is located in the lobby of Exhibition Hall on the 1st floor, Suwon Convention Center (SCC). It will be open as follows:

모든 참가자는 등록데스크에서 명찰을 수령해야 합니다. 등록을 완료한 참가자에게는 이름표가 포함된 등록 키트가 제공됩니다. 등록데스크는 수원컨벤션센터(SCC) 1층 전시장 로비에 위치해 있으며, 운영 시간은 다음과 같습니다:

OPERATING HOURS	May 27 (Tue)	08:30-18:00
	May 28 (Wed)	07:30-18:00
	May 29 (Thu)	09:00-18:00
	May 30 (Fri)	09:00-13:00

ON-SITE REGISTRATION 현장등록

Forum Passes can be purchased at the on-site registration desk.
현장 등록 데스크에서 등록 가능합니다.

REGISTRATION FEE INCLUDES 총회 등록 혜택

Items	Delegates, Speakers & Moderators	Students	Exhibition Visitors	1 Day Pass
Opening & Closing Ceremony 개회식 및 폐회식 참가	✔	✔	✔	✔
Welcome Reception 환영리셉션 참가	✔	✔		✔
Admission to Plenary and All Sessions 전체회의 및 세션입장	✔	✔		✔ (Selected Date) (해당날짜)
Admission to the Exhibition Area and Demonstrations 전시회장 및 기술시연장 입장	✔	✔	✔	✔ (Selected Date) (해당날짜)
Admission to Technical Visits upon Purchase 기술시찰 참가 (별도 구매)	✔	✔		✔
Gala Dinner Ticket upon Purchase 갈라디너 티켓 (별도 구매)	✔	✔		✔
Coffee Break/Lunch Every Day 커피브레이크/점심	✔	✔		✔ (Selected Date) (해당날짜)
Accompanying Person Registration Available (Limited to One Family Member 동반자 등록 (가족1인에 한함)	✔			

On-site registration rates is equivalent to the standard registration rates and can be paid by credit card.
For on-site payments included in the registration fee, a fixed exchange rate will be applied. (US$1 = 1,450 KRW)

TECH. VISITS & DEMONSTRATION DESKS 기술시찰 및 시연 부스

Technical Visit and Demonstration Desks are located in the registration area in the lobby of the Exhibition Hall on the 1st and 2nd floors of the Suwon Convention Center (SCC). Participants are required to confirm their attendance at least one day prior to the scheduled departure of each program. Programs may be cancelled or modified if the minimum number of participants is not met. On the day of the visit, participants are kindly requested to arrive at least 30 minutes before departure time and check in with the staff.

기술시찰 및 시연 프로그램 안내 데스크는 수원컨벤션센터(SCC) 전시장 1층과 2층 로비의 등록 구역에 위치해 있습니다. 참가자는 각 프로그램의 출발일 최소 하루 전까지 참가 여부를 반드시 확인해야 하며, 참가 인원이 최소 인원에 미달할 경우 프로그램이 변경되거나 취소될 수 있습니다. 시찰 당일에는 출발 최소 30분 전에 도착하여 스태프에게 체크인해 주시기 바랍니다.

PLACE Lobby, 1F/2F

LUNCH 점심

Lunch will be provided in the form of lunch boxes at the Networking Lounge inside the Exhibition Hall during the Forum period, from Wednesday, May 28 to Friday, May 30. Participants are kindly requested to check in by scanning their QR code upon entry.

중식은 5월 28일(수)부터 5월 30일(금)까지 포럼 기간 동안 전시장 내 네트워킹 라운지에서 도시락 형태로 제공됩니다. 입장 시 QR코드를 스캔하여 체크인해 주시기 바랍니다.

DATE & TIME May 28-30 12:30-14:00
PLACE Networking Lounge at Exhibition Hall, 1F

COFFEE BREAK 커피브레이크

During coffee break hours, coffee will be served exclusively to registered participants at the Networking Lounge located inside the Exhibition Hall.

커피브레이크 시간 동안, 전시장 내 네트워킹 라운지에서 유료 등록자에 한해 커피가 제공됩니다.

DATE & TIME May 28 15:00-15:30
May 29 10:00-10:30 / 15:00-15:30
May 30 10:00-10:30
PLACE Networking Lounge at Exhibition Hall, 1F

FORUM INFORMATION 행사안내

PREVIEW ROOM 프리뷰룸

The Preview Room is located in Room 201 on the 2nd floor of the Suwon Convention Center (SCC). All speakers are strongly encouraged to visit the Preview Room and upload their presentation files at least one day prior to their scheduled session to ensure compatibility with the venue's equipment. The Preview Room will be staffed during the following hours:

프리뷰 룸은 수원컨벤션센터(SCC) 2층 201호에 위치해 있습니다. 모든 발표자께서는 발표 자료가 행사 장비와 호환되는지 사전 확인을 위해, 발표 예정일 최소 하루 전에 프리뷰 룸을 방문하여 발표 파일을 업로드해 주시기 바랍니다.

May 27 (Tue)	14:00-18:00
May 28 (Wed)	08:00-18:00
May 29 (Thu)	08:00-18:00
May 30 (Fri)	08:00-12:00

Emergency Operation Center 비상안전상황실

OPERATING HOURS	09:00-18:00, May 28-30
PLACE	Office 3, 1F

PRAYER ROOM 기도실

OPERATING HOURS	09:00-18:00, May 28-30
PLACE	Office 1, 2F

LOST & FOUND 분실물 센터

The Lost & Found Center is located at the Information Booth on the 1st floor of the Convention Center. If you have lost or found any personal belongings, please visit the booth or speak with a staff member for assistance.

분실물 센터는 컨벤션센터 1층 안내데스크에 위치해 있습니다. 개인 물품을 분실하거나 습득하신 경우, 안내데스크를 방문하시거나 현장 스태프에게 문의해주시기 바랍니다.

OPERATING HOURS	09:00-18:00, May 28-30
PLACE	Information Booth, 1F

SECRETARIAT 사무국

PCO OFFICE

OPERATING HOURS	08:00-20:00, May 27-30
PLACE	Room 207, 2F

WIFI

WIFI	ITSAFP2025_guest Convention_guest

GENERAL INFORMATION

HOST CITY, SUWON 수원특례시

Suwon, Where Royal Legacy Meets Smart Innovation

Suwon, a vibrant city where tradition and innovation coexist, is the largest city in Gyeonggi Province and a designated “Special City” recognized for its administrative autonomy. Located about 30 kilometers south of Seoul, Suwon is internationally known for Hwaseong Fortress, built by King Jeongjo of the Joseon Dynasty. This fortress, a unique blend of Eastern and Western architectural techniques, is inscribed as a UNESCO World Heritage Site and symbolizes both filial piety and visionary urban planning. Today, Suwon serves as a hub of advanced technology and education, home to the headquarters of Samsung Electronics and major universities such as Sungkyunkwan University and Ajou University. The city leads in the fields of smart mobility and digital infrastructure. Suwon also offers a rich cultural experience—from traditional performances and hands-on crafts in the Hwaseong area to the charming alleys and cafés of Haenggung-dong, where history and modern lifestyle intersect. From historic legacy to cutting-edge innovation and warm local culture, Suwon is a truly special city where you can experience the past, present, and future of Korea all at once.

전통과 혁신이 공존하는 도시, 수원은 남쪽으로 약 30km 떨어진 경기도 최대 도시이자, 행정적 자율성을 인정받은 특례시로 지정된 활력 넘치는 도시입니다. 수원은 조선 정조대왕이 건립한 수원화성으로 세계적으로 알려져 있으며, 이 성곽은 동서양 건축기법이 융합된 독창적인 구조로, 유네스코 세계문화유산에 등재되어 있습니다. 수원화성은 효(孝)의 정신과 미래를 내다본 도시 계획의 상징입니다. 오늘날 수원은 삼성전자 본사가 위치한 첨단 기술과 교육의 중심지로, 성균관대학교, 아주대학교 등 주요 대학들과 함께 스마트 모빌리티 및 디지털 인프라 분야에서 선도적 위치를 차지하고 있습니다. 또한 수원은 전통 문화 공연과 공예 체험이 가능한 화성 일대, 감성적인 골목과 카페가 즐비한 행궁동 등에서 풍부한 문화체험을 즐길 수 있습니다. 역사적인 유산부터 최첨단 기술, 그리고 따뜻한 지역 문화까지—수원은 한국의 과거와 현재, 미래를 모두 느낄 수 있는 특별한 도시입니다.

Suwon was one of four main regional government centers during the Joseon dynasty. **Hwaseong Fortress**, built to protect the city, was designated as a UNESCO World Cultural Heritage Site on December 12, 1997 for its historical value. The fortress offers various performances daily as well as the Suwon Hwaseong Cultural Festival every fall. The walls stretch for 5, 700 kilometers, with Paldalsan Mountain at the center. The fortress, constructed from 1794 to 1796, was built as a display of King Jeongjo's filial piety towards his father and to build a new pioneer city with its own economic power.

수원은 조선시대 4대 행정 중심지 중 하나였습니다. 도시를 방어하기 위해 축조된 화성은 그 역사적 가치를 인정받아 1997년 12월 12일 유네스코 세계문화유산으로 지정되었습니다. 화성은 다양한 전통 공연이 열리며, 매년 가을에는 수원화성문화제가 개최됩니다. 성곽은 팔달산을 중심으로 총 5.7km에 걸쳐 있으며, 1794년부터 1796년까지 건축되었습니다. 이 성은 정조대왕이 아버지에 대한 효심을 표현하고, 자립 경제 기반을 갖춘 새로운 도시를 건설하고자 하는 뜻을 담아 지은 것입니다.

A **haenggung** is a temporary palace where the king and royal family retreated to during a war. Hwaseong Haenggung Palace is the largest one of these, used by the Joseon kings since the time of King Jeongjo (r. 1776-1800). In addition to being used as a shelter during war, King Jeongjo also stayed here during trips to worship at his father's tomb. The palace was the location of a splendid feast held on the 60th birthday of his mother, Hyegyeonggung Hong, and many other events, including award certificates for successful candidates of special national exams. These days, the palace serves as a venue for many traditional cultural performances and activities.

행궁은 전쟁 시 왕과 왕실 가족이 피신하던 임시 궁궐을 뜻합니다. 화성행궁은 그 중 가장 규모가 큰 행궁으로, 정조(재위 1776~1800) 때부터 조선의 왕들이 사용했습니다. 단순한 피난처로서뿐만 아니라, 정조는 아버지의 능을 참배하러 올 때마다 이곳에 머물렀습니다. 또한 이곳은 그의 어머니 혜경궁 홍씨의 회갑연이 열렸던 장소이자, 특별 과거시험 합격자에게 어사화를 수여하는 등 다양한 공식 행사가 열리던 곳이기도 합니다. 현재 화성행궁은 전통 문화공연과 체험 프로그램이 진행되는 대표적인 문화공간으로 활용되고 있습니다.

HOST CITY, SUWON 수원특례시

Haengnidan Street is a stretch of approximately 600 meters from Hwahongmun Gate of Hwaseong Fortress to Hwaseo Park. The name Haengnidan Street originates from Haenggung-dong (Haenggung referring to the king's temporary palace) and Gyeongnidan Street, a popular area in Itaewon, Seoul. This vibrant district seamlessly blends tradition and modernity, featuring a variety of unique restaurants, stylish cafés, concept stores, and exhibition spaces. It has become one of Suwon's most iconic attractions.

행리단길은 화성의 화홍문에서 화서공원까지 약 600미터에 이르는 거리입니다. '행리단길'이라는 이름은 왕의 임시 궁궐인 행궁에서 유래한 '행궁동'과 서울 이태원의 인기 거리인 '경리단길'을 결합해 만들어졌습니다. 이 활기찬 거리에는 전통과 현대가 조화를 이루며, 개성 있는 음식점, 감각적인 카페, 콘셉트 스토어, 전시 공간 등이 즐비해 있습니다. 현재 행리단길은 수원을 대표하는 명소 중 하나로 자리매김하고 있습니다.

Starfield Suwon is an eight-story complex shopping mall where you can enjoy shopping, culture, and entertainment all in one place. The mall includes various shopping options, such as a warehouse-style discount store, a themed electronics specialty store, restaurants and cafés, and shops specialized in beauty products, apparel, and lifestyle goods. Various types of entertainment are available, such as a movie theater and SMOB, an indoor sports park where you can try ziplining and rock climbing.

스타필드 수원은 쇼핑과 문화, 엔터테인먼트를 한곳에서 즐길 수 있는 지상 8층 규모의 복합 쇼핑몰입니다. 창고형 할인 매장, 테마형 전자제품 전문점, 뷰티·패션·라이프스타일 전문 매장, 다양한 레스토랑과 카페 등 폭넓은 쇼핑 옵션을 갖추고 있습니다. 또한 영화관을 비롯해 실내 짚라인과 암벽등반을 즐길 수 있는 실내 스포츠 테마파크 '스몹(SMOB)' 등 다양한 형태의 엔터테인먼트 시설도 마련되어 있어 남녀노소 누구나 즐길 수 있는 복합 문화 공간입니다.

Samsung Innovation Museum is an electronic industrial museum run by Samsung, a major global company based in Korea. The museum mainly consists of three sections. Visitors can learn about the history of Korea's electronic industry, as well as the past, present and future of the semiconductor, display and mobile industries, where Samsung made great achievements. The museum also runs an education facility called Children's Display Research Institute.

삼성 이노베이션 뮤지엄은 한국을 대표하는 글로벌 기업 삼성에서 운영하는 전자산업 전문 박물관으로, 크게 세 개의 전시관으로 구성되어 있습니다. 한국 전자산업의 역사와 함께 삼성의 주요 성과를 이룬 반도체, 디스플레이, 모바일 산업의 과거와 현재, 미래를 한눈에 살펴볼 수 있습니다. 또한 어린이를 위한 교육 공간인 '어린이 디스플레이 연구소'도 운영되고 있어 체험 중심의 학습이 가능합니다.

The neighborhood around Paldalmun Gate serves as the main business district of Suwon, where more than 300 stores and stalls are joined to make a large market. The atmosphere and the physical surroundings help to both keep traditions alive and move into the modern age, which is one of the main aspects of this market that draws in more visitors each year. Since 1917 when the market first opened to the public, the vendors here have specialized in traditional garments, including hanbok (traditional Korean clothes) and accessories. Among 300 stores, 40 stores feature finished hanbok, another 40 stores sell fabric, 70 stores are general clothing store, and the remaining stores sell daily goods, accessories, agricultural and stockbreeding products. In the past, the market was the largest market south of the metropolitan area so people from Suwon, Pyeongtaek, Hwaseong, and Osan frequently visited. An ongoing maintenance project to keep the originality of the market began in 2002 and the market now features modernized facilities

팔달문 주변 지역은 수원의 주요 상업지구로, 300여 개의 점포와 노점이 모여 대규모 시장을 형성하고 있습니다. 이 시장은 전통적인 분위기와 현대적인 환경이 공존하며, 이러한 조화가 매년 더 많은 방문객을 끌어들이는 주요 요인 중 하나입니다. 시장은 1917년에 처음 대중에게 문을 열었으며, 상인들은 주로 전통의상인 한복과 관련 액세서리를 전문적으로 판매해 왔습니다. 전체 300여 개의 점포 중 약 40개는 완제품 한복을, 또 다른 40개는 한복 원단을 판매하며, 70개는 일반 의류점, 나머지는 생필품, 잡화, 농·축산물 등을 판매합니다. 과거에는 이 시장이 수도권 남부 최대 규모를 자랑하며 수원, 평택, 화성, 오산 등지의 사람들이 자주 찾는 곳이었습니다. 시장의 원형을 보존하기 위한 현대화 정비 사업은 2002년부터 시작되어 현재는 보다 현대적인 시설을 갖추고 있습니다.

GENERAL INFORMATION

USEFUL INFORMATION 기본정보

Suwon Convention Center 수원컨벤션센터

140 Gwanggyojungang-ro, Yeongtong gu, Suwon-si, Gyeonggi-do 16514
경기도 수원시 영통구 광교중앙로 140(하동) (우: 16514)
Phone: 82-31-303-6000 www.scc.or.kr

Climate & Weather

From March to May, Korea enjoys a pleasant spring season, with average temperatures ranging from 13°C to 14°C (55°F to 57°F). The weather is generally mild and sunny, so light outerwear is recommended.

Banking & Currency

Currency: The official currency of Korea is the Korean Won (KRW). Banknotes are available in denominations of 1, 000, 5, 000, 10, 000, and 50, 000 won. Coins are available in 10, 50, 100, and 500 won.

Traveler's Checks

Traveler's checks can be exchanged for cash at banks or currency exchange booths. While some stores still accept the checks, credit and debit cards have become a more preferred payment methods for travelers. As a result, the use of traveler's checks is hardly observed nowadays and fewer stores offer this service.

Credit Cards

Credit cards are widely accepted in Korea, including at major hotels, department stores, and general retail shops. Visa, MasterCard, American Express, and other credit cards are commonly used, however, check the service availability before making a purchase as some stores may not accept certain cards.

ATMs

ATMs are widely available throughout Korea, and many offer English-language instructions. However, not all ATMs accept foreign cards, so it is advisable to look for machines marked “Global ATM” or those located at major banks or convenience stores. An ATM is available on the 2nd floor of the Convention Center.

Banking Hours

Banks are generally open from 9:00 AM to 4:00 PM, Monday through Friday, and are closed on weekends and public holidays.

Electricity and Voltage

Korea uses 220V at 60 Hz, with power outlets that have two round holes. If you do not have a multi-voltage travel adapter, borrow or purchase one at your hotel's front desk, airports, retail stores, major duty-free shops, or even convenience stores.

Emergency Service

Police: +82-112
Fire Department: +82-119
Medical Emergencies: +82-119
Infectious Disease Emergencies: +82-1339

1330 Korea Travel Hotline

Tel: +82-2-1330 (Available in Korean, English, Japanese, Chinese, Russian, Vietnamese, Thai, and Indonesian)
Website: www.visitkorea.or.kr (Available in Korean, English, Japanese, Chinese [Simplified], Chinese [Traditional], French, Spanish, German, and Russian)

Public Transportation

BY TAXI (K-RIDE)

K-Ride is a taxi-hailing app developed by Kakao Mobility specifically for international travelers in Korea. It offers a foreigner-friendly interface with multilingual support (including English, Japanese, and Chinese), real-time chat translation with drivers, and convenient payment options using global credit cards and e-wallets like Alipay+ and GCash. Users can register with Google, Apple, or a mobile number. Powered by Kakaomobility's cutting edge technology, Korea's No.1 taxi service offers diverse vehicle options, swift dispatch, precise arrival estimates, and the most comfortable journey with optimal routes. It's an easy and reliable way for visitors to get around Korea by taxi.

Scan the QR code
to download k.ride app

MEMO

SUWON
ITS ASIA PACIFIC FORUM 2025

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