

Mobility Innovation Workshop 2025



Plenary Session, November 12th (Wed.)

Venue: Komaba Research Campus, The University of Tokyo

10:00 – 10:20	Opening
10:20 – 11:00	Keynote Session
11:00 – 11:15	Coffee Break
11:15 – 12:45	Session 1: Beyond Driving – The Future of Life-Centric Mobility Services
12:45 – 13:45	Lunch Break
13:45 – 15:15	Session 2: Evolving mobility, Transforming society – Redesigning values, norms, and lifestyles
15:15 – 15:45	Mobility Innovation Showcase
15:45 – 16:15	Coffee Break
16:15 – 17:45	Session 3: Systems that move society – Implementation ecosystems for mobility innovation
17:45 – 18:00	Group Photo
18:30 – 20:00	Welcome Reception

Plenary Session, November 13th (Thu.)

Venue: Komaba Research Campus, The University of Tokyo

09:00 – 09:30	Special Session
09:30 – 11:00	Session 4: Connected infrastructure, co-creating world – Global infrastructure in automated mobility era
11:00 – 11:15	Coffee Break
11:15 – 12:25	Session 5: Driving the future from Japan – Frontlines of automated mobility deployment
12:25 – 13:25	Lunch Break
13:25 – 14:55	Session 6: Safe and secure mobility – Connecting people and society through mobility services
14:55 – 15:25	Coffee Break
15:25 – 17:05	Session 7: Mobility Strategies in the era of global co-creation – Shaping the future with international knowledge
17:05 – 17:15	Closing

Note

Co-Organizer



Under the auspices of



Cabinet Office



Diamond Sponsor



WAYVE

Platinum Sponsor



Gold Sponsor



ADASTEC

Speakers



Hajime Amano

Representative Director, Mobility Innovation Alliance Japan, Japan



Hiroshi Toshiyoshi

Director General, Institute of Industrial Science, The University of Tokyo, Japan

View full speaker bios here



Keynote Session: "Perspectives on the Frontiers of Mobility Innovation in Japan"

Session Overview

A keynote address offering insights into Japan's mobility innovation landscape, examining its current status and future directions from both domestic and global perspectives.

Speaker



Ko Miyoshi

Chief Operating Officer, Business Unit, Tier IV Inc., Japan

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Ask your questions here
(available during the session only)

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Session 1: Beyond Driving – The Future of Life-Centric Mobility Services –

Session Overview

Moving beyond the technological development and societal implementation of automated driving, this session will discuss initiatives and challenges in shaping mobility services and use cases deeply rooted in people's everyday lives.

Moderator



Takahiko Uchimura

Director, Mobility Innovation Alliance Japan,
Project Researcher, The University of Tokyo, Japan

Speakers



Emilie Blotière

Corporate Project Manager, Navya, France



Cleveland Ferguson III

Executive Vice President/Chief Administrative Officer,
Jacksonville Transport Authority, USA



Robert Brydia

Senior Research Scientist and Division Head, Texas A&M Transportation
Institute, USA



Ali Ihsan Danisman

Chief Commercial Officer, ADASTEC, USA

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Session 2: Evolving mobility, Transforming society – Redesigning values, norms, and lifestyles

Session Overview

To implement future mobility in society, it is essential to examine how it will transform society itself, including our values, social norms, and lifestyles. This session will explore a wide range of issues in which mobility and social structures influence each other, fostering discussions on how to design such societal transformations.

Moderator



Takayuki Morikawa

Director, Mobility Innovation Alliance Japan / Designated Professor and Professor Emeritus, Nagoya University, Japan

Speakers



Satu Innamaa

Principal Scientist, VTT Technical Research Centre of Finland Ltd., Finland



Martin Russ

Managing Director, AustriaTech, Austria



Yuki Tominaga

Transportation Planning Department, Next-Generation Mobility Division, Kanagawa Chuo Kotsu Co., Ltd., Japan



Shinpei Yasukawa

Manager, X-Tech Development Department, NTT DOCOMO, INC., Japan

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Mobility Innovation Showcase

Speaker



Daniel Quirke

Senior Public Policy Manager, Wayve, UK

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#4960 076



Session 3: Systems that move society – Implementation ecosystems for mobility innovation

Session Overview

Innovation is not driven by technological breakthroughs alone. Even existing technologies can create new value through ingenuity and well-designed systems. To ensure that mobility brings benefits to everyone, what kind of ecosystems should we build, and how should we approach technological advancement? This session will discuss the mechanisms that foster innovation and enable sustainable mobility solutions.

Moderator



Gregory Trencher

Associate Professor, Kyoto University, Japan

Speakers



Adriano Alessandrini

Professor, University of Florence, Italy



William Riggs

Professor and Director, the Autonomous Vehicles and the City Initiative, University of San Francisco, USA



Panit Pujinda

Associate Professor, Chulalongkorn University, Thailand



Takashi Hikasa

Associate Professor, Tama University, Japan

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#2945 914



Special Session: Mobility technology: Seen through analysis of academic papers

Session Overview

Analyzing academic papers allows us to identify trends in technological development, key players and other meaningful insights. Unlike patent analysis alone, academic papers provide rich information such as the connections between researchers, organizations, and countries, as well as the impact of their collaborations. Citation relationships between patents and academic papers also provide a glimpse into the social contribution of research.

In this session, Clarivate—leveraging its extensive experience and knowledge in research trend analysis and evaluation using academic papers—will present insights into the current landscape of international collaboration in mobility technology, industry-academia-government collaboration, and technology trends.

Speaker



Miki Kumagai

Senior Manager, Customer Success APAC, Academia & Government,
Clarivate, Japan

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Session 4: Connected infrastructure, co-creating world – Global infrastructure in automated mobility era

Session Overview

This session will focus on the digital and physical infrastructures, including data platforms, communication systems, and sensor networks essential for automated driving. Experts will discuss the challenges and opportunities in building globally interoperable systems, the role of international harmonization and standardization, and how infrastructure design can support safe, efficient, and scalable automated mobility services.

Moderator



Ryota Shirato

Senior Vice President, ITS Japan, Japan

Speakers



Kai-Wei Chiang

Professor, Department of Geomatics, National Cheng Kung University
Director/Principal Investigator, HD Maps Research Center
Advisor, Taiwan Space Agency, ROC(Taiwan)



Gonzalo Alcaraz

Acting Director General, International Road Federation(IRF), Italy



Marius Dupuis

CEO, ASAM e.V., Germany



Julian Schindler

Team Leader, System Automation & Integration,
Institute of Transportation Systems, German Aerospace Center(DLR), Germany

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#8848 598



Session 5: Driving the Future from Japan – Frontlines of automated mobility deployment

Session Overview

This session will present a range of pioneering initiatives in Japan that are advancing the social implementation of automated driving technologies.

Moderator



Tomotaka Kageyama

Director, Strategic Planning Group, ITS Japan, Japan

Speakers



Shinji Hiraiwa

Director, Strategic Planning Group, ITS Japan, Japan



Mitsuaki Hagino

Project Researcher, Harmonic Mobility Research Center(ITS Center),
Institute of Industrial Science, The University of Tokyo, Japan



Koichi Nagatsuka

Manager, Tokyu Bus Corporation, Japan



Mitsunori Nakamura

Manager, NTT East Corporation, Japan

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Ask your questions here
(available during the session only)

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#1897 770



Session 6: Safe and secure mobility – Connecting people and society through mobility services

Session Overview

While safety remains an essential issue, it is important to consider not only traffic safety but also services that provide mental reassurance and comfort, as well as services that ensure a sense of security in virtual spaces. This session will broadly discuss safety and security in various contexts.

Moderator



Takashi Oguchi

Director, Mobility Innovation Alliance, Japan
Professor, The University of Tokyo, Japan

Speakers



Diana Dumois

Director, Member Relations and Development, FIA, France



Johanna Forseke

Chief Business Officer & Deputy CEO, Greater Than, Sweden



Philippe Crist

Senior Advisor, Innovation and Foresight, International Transport Forum, OECD, France



Haruo Ishida

Professor Emeritus, The University of Tsukuba
Program Director, SIP on Development of Smart Mobility Platform, Japan

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Session 7: Mobility strategies in the era of global co-creation – Shaping the future with international knowledge

Session Overview

This session will explore the possibilities and expectations for advancing mobility innovation through international collaboration. Discussions will address the role of academia, the importance of industry-government-academia partnerships, and how the collective knowledge of the international community can pave the way for the future of mobility.

Moderator



Manabu Umeda

Collaborative Research Coordinator, Mobility Innovation Alliance Japan
Project Researcher, The University of Tokyo, Japan

Speakers



Gregory D. Winfree

Agency Director, Texas A&M Transportation Institute, USA



Stephane Dreher

Head of CCAM, ERTICO – ITS Europe, Belgium



Timo Woopen

Founding Member, Future Mobility Partnership
Head, Vehicle Intelligence & Automated Driving, Institute for Automotive Engineering, RWTH Aachen University
CEO, Thinking Cars GmbH, Germany



Yurie Toyama

Collaborative Research Coordinator, Mobility Innovation Alliance Japan
Project Assistant Professor, The University of Tokyo, Japan



Daniel Quirke

Senior Public Policy Manager, Wayve, UK

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Ask your questions here
(available during the session only)

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Speaker



Akio Yamamoto

President, ITS Japan, Japan

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WAYVE

Global Learning. Local Driving.

In one of the world's most demanding driving environments, the wayve AI driver adapted fast

Japan at a glance



Within days, we undertook our first test drives in a new country

After 1 Month...

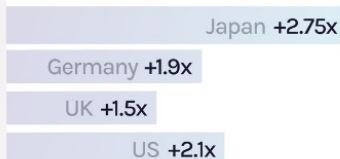
1%

Of local data ingested

2x

Performance improvement achieved vs zero-shot

After 5 Months...



Global baseline model drives performance gains across all 4 regions

After 3 Months...

2% Japan Data

Global baseline model performs consistently in Japan

After 6 Months...

Wayve AI Driver

Commercial readiness milestone



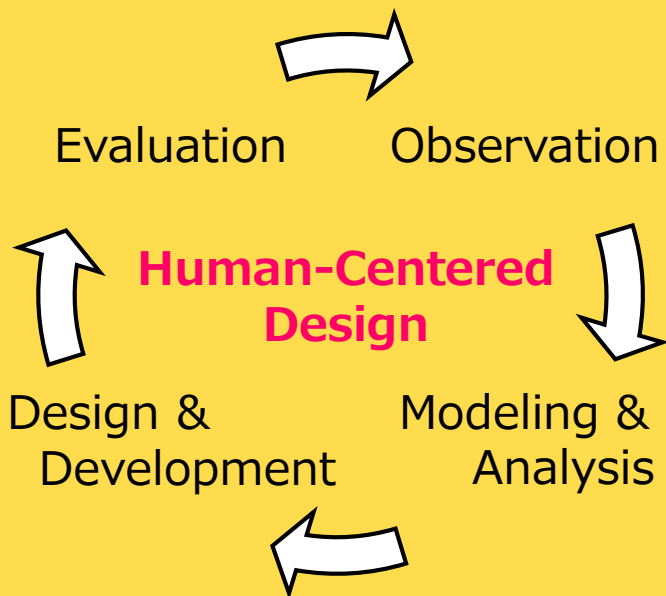
Integration of Wayve AI Driver into Nissan Ariya, a second vehicle platform

Wayve's Embodied AI, built for every road

WAYVE.AI



Consulting services



- Design research
- UI • UX design
- Usability improvement
- Service design co-creation
- Accessibility improvement
- DX • system development
- Creative human resources development
- Team design

➤ For mobility

Service 1

We capture residents' needs based on their usage context and living environment, and design mobility services using service design methods.



Service 2

We support building consensus among local government, mobility service providers, local residents, and others.



Service 3

We support developing local human resources with human-centered mobility design technics



Contact

U'eyes Design Inc.

F8, Ebis Primesquare tower, 1-1-39 Hiro-o, Shibuya-ku, Tokyo 150-0012 JAPAN

TEL: +81-3-6712-6601 URL: <https://www.ueyesdesign.co.jp/en/>

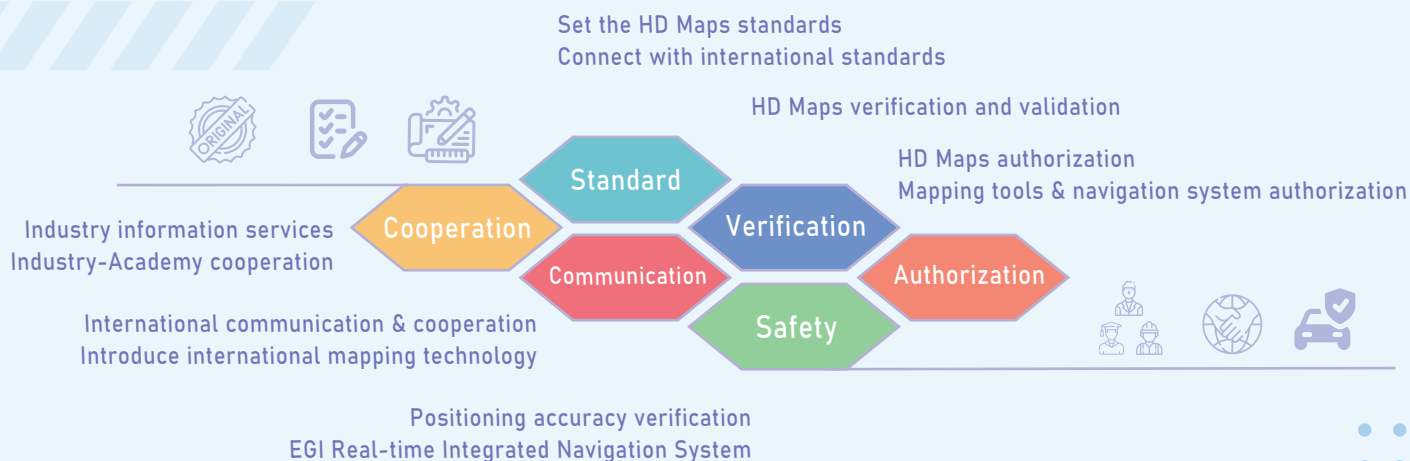
E-mail: ued_info@ueyesdesign.co.jp



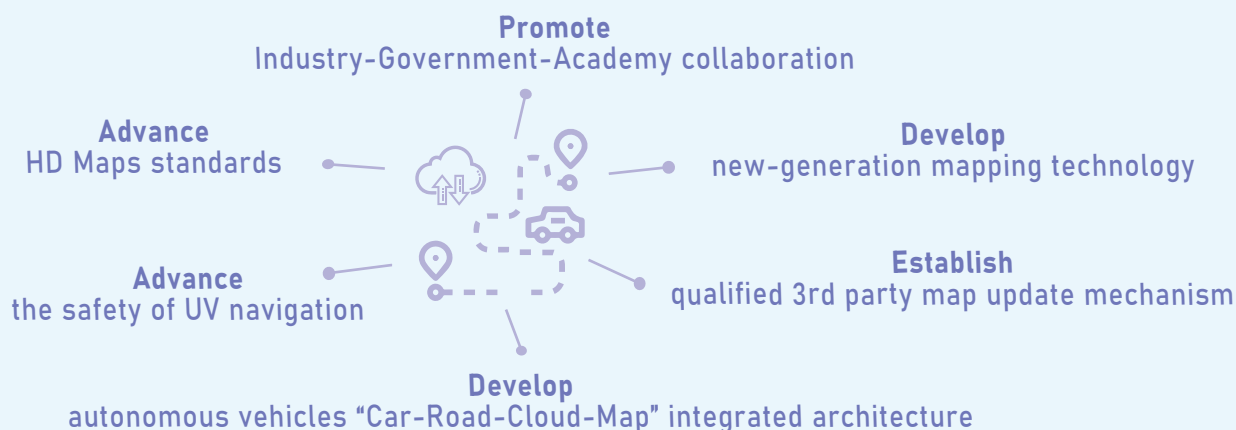
About Us

- Integrate** domestic and international technologies and information
- Boost** the establishment of HDMaps standard, mapping process and verification/validation procedures
- Develop** auto-mapping and unmanned vehicle positioning technology
- Promote** Industry-Government-Academy collaboration
- Expand** innovative applications of HDMaps and improve UV positioning accuracy

Our Services



Our Goals



imap@geomatics.ncku.edu.tw



No.1, Daxue Rd., East Dist., Tainan City 701, Taiwan
NCKU Dept. Geomatics



CONNECTING PEOPLE, PLACES THROUGH PROVEN TECHNOLOGY

ADASTEC, is delivering SAE Level-4 automated driving solutions for full-size buses and commercial vehicles. Its automated driving platform, flowride.ai, is designed to be multi-OEM compatible, seamlessly integrating with different vehicle architectures. flowride.ai sets a new benchmark in public transportation by managing complex traffic environments, from adverse winter conditions and dense urban roads to scheduled route operations, stop approaches, and passenger boarding, while ensuring the safety and comfort of all road users.

AUTOMATED PUBLIC TRANSPORTATION

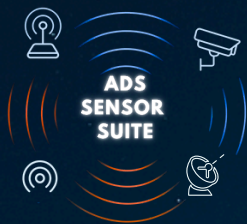


Automated public transportation is an urgent need today. Public transit shapes the daily rhythm of millions of people, which means technology in this space is not about making an impression; it is a tool for creating safer, more accessible, and more inclusive urban mobility.

ALİ İHSAN DANIŞMAN
Chief Commercial Officer



HOW flowride.ai SEES, UNDERSTANDS, DRIVES



ADASTEC's advanced sensor suite perceives its environment, localizes accurately, and makes safe driving decisions in real time. With 6 LiDARs, 11 cameras, and 6 radars and GNSS flowride.ai provides continuous environmental awareness for safe and reliable operation.

WHERE TO EXPERIENCE ADASTEC'S AUTOMATION IN ACTION

ADASTEC is advancing public transportation with commercially deployed, SAE Level-4 automated vehicles. With successful operations in both Europe and the United States, ADASTEC shows that automated transit is a proven, real-world mobility solution that is already serving communities today.

With deployments spanning 3 continents, 16 cities, and multiple transit agencies, ADASTEC's technology is integrated into everyday mobility systems, serving university campuses, city transit networks, and national operators.

Automated public transportation is on the road, moving communities, today.

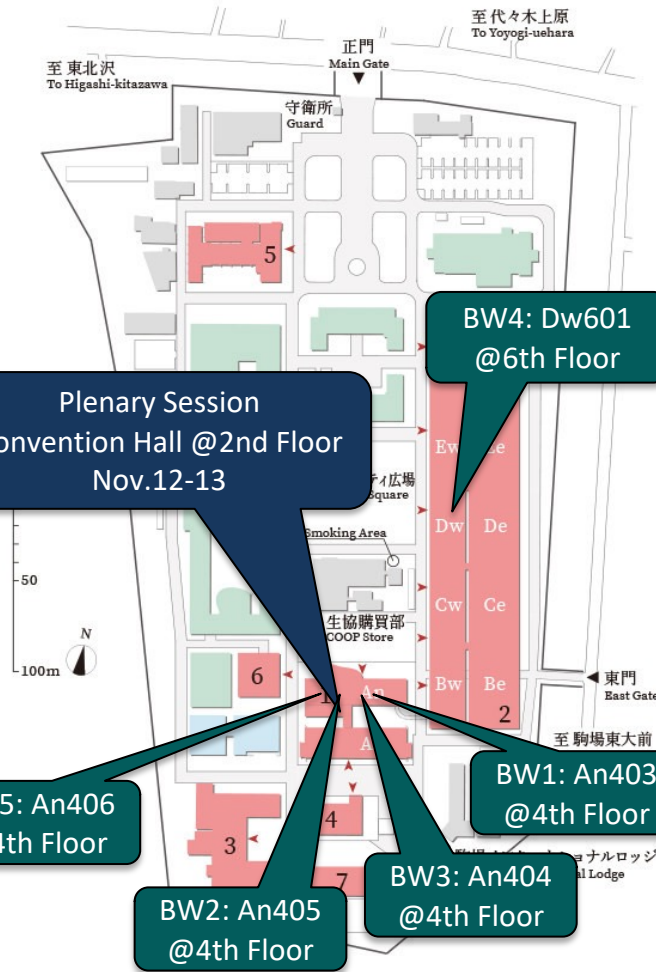


ADASTEC

Venue

Komaba Research Campus, The University of Tokyo

駒場リサーチキャンパス
Komaba Research Campus



- 総合研究実験棟 (An棟)
General Research Experiment Bldg. (An Block)
コンベンションホール Convention Hall
大会議室 Main Conference Room
小会議室 (1~3) Small Conference Room(1~3)
中セミナー室 (1) Medium Seminar Room(1)
小セミナー室 (1, 2) Small Seminar Room(1,2)
 - 総合研究実験棟 (As棟)
General Research Experiment Bldg. (As Block)
中セミナー室 (2~5) Medium Seminar Room(2~5)
小セミナー室 (3~6) Small Seminar Room(3~6)
 - 研究棟 (B-F棟)
Research Bldg. (B-F Block)
会議室 (3, 4) Seminar Room(3,4)
大セミナー室 Main Seminar Room
ラウンジ (C棟, E棟) Lounge (C, E)
 - 研究棟 (S棟) (60年記念館)
Research Bldg. (S Block)
プレゼンテーションルーム Presentation Room
会議室 (S108, S207) Seminar Room(S108, S207)
 - 研究棟 (T棟)
Research Bldg. (T Block)
 - 試作工場
Central Workshop
 - 食堂棟
Restaurant & Meeting Room
ダイニングラボ Dining Lab
中セミナー室 (6) Medium Seminar Room(6)
 - 図書棟
Library
 - 先端科学技術研究センター
Research Center for Advanced Science and Technology
 - 連携研究棟 (CCR棟)
Center for Collaborative Research Bldg. (CCR Bldg.)
- 建物入口 Building entrance

Information for Breakout Workshop on 14th November

BW	Start at	Room	Location
BW1	10:00	An403	4th Floor of An Building
BW2	10:00	An405	4th Floor of An Building
BW3	10:00	An404	4th Floor of An Building
BW4	10:00	Dw601	6th Floor of Dw Building
BW5	10:00	An406	4th Floor of An Building

Please answer the survey

Thank you for your participation in the workshop.

To improve future workshops, please take a few minutes to complete the questionnaire by scanning the QR code.

Those who answer the survey will receive a link to the group photo on the day.



Mobility Innovation Alliance Japan

<https://mobilityinnovationalliance.org/>

Share your experience with **#MIWJ2025**