

Mobility Innovation Workshop 2024

Plenary Session, November 13th (Wed)

Venue : ES Hall, Higashiyama Campus, Nagoya University

9:00 - 9:35	Opening & Keynote
9:35 - 11:25	Plenary Session 1 : Towards the realization of sustainable mobility society
11:25 - 11:35	Group photo
11:35 - 12:55	Lunch break
12:55 - 13:15	Sponsor Session
13:15 - 13:30	SIP on Development of Smart Mobility Platform
13:30 - 15:00	Plenary Session 2 : Global initiatives for the realization of new future mobility
15:00 - 15:15	Coffee break
15:15 - 16:45	Plenary Session 3 : Innovative research to support mobility innovation
16:45 - 17:00	Coffee break
17:00 - 18:15	Plenary Session 4 : Panel Discussion Session Theme : Shaping the Future with Mobility Innovation
18:15 - 18:20	Closing
18:30 - 20:00	Welcome Reception



No drinking and eating inside ES Hall



Smoking is prohibited anywhere on campus

Co-Organizer



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Opening & Keynote

Session Overview

In addition to the opening address from the organizers, there will be keynote presentations from Europe and the United States on global initiatives and prospects for future mobility, with a focus on automated driving.

Speakers

*Presentation Title



Hajime Amano

Representative Director, Mobility Innovation Alliance Japan



Hiroaki Takada

Executive Director and Professor,
Global Research Institute for Mobility in Society (GREMO), Nagoya University



Brian Cronin

Director, Intelligent Transportation Systems Joint Program Office,
U.S. Department of Transportation

Updates in Automated Vehicle Research and Vehicle-to-Everything Communications
Deployment in the United States



Stephane Dreher

Head of CCAM, ERTICO – ITS Europe
EU Agenda and CCAM R&I Update

Session Overview

Experts from various countries will make presentations on the status of initiatives in various regions of the world and issues that need to be considered for the realization of a sustainable mobility society in the future.

Speakers

*Presentation Title



Yoshihiro Suda

Vice representative director of Mobility Innovation Alliance Japan,
Professor, Advanced Mobility Research Center,
Institute of Industrial Science (IIS) & Director, Mobility Innovation
Collaborative Research Organization (UTmobl), The University of Tokyo, Japan
Mobility Innovation by Advanced Technologies



Jiaqi Ma

Director,
FHWA/UCLA Center of Excellence on New Mobility & Automated Vehicles, USA
*Resilient New Mobility Systems in the Age of Automation,
Connectivity & Shared-Use Services*



David Webb

Head of Innovation,
Centre for Connected & Autonomous Vehicles (CCAV), United Kingdom
UK Interventions, challenges and opportunities towards CAM deployments



Randell Iwasaki

President & CEO, Iwasaki Consulting Services Inc., USA
Green Mobility: Innovations and Trends in Transportation

Speakers

*Presentation Title



Steffen Kuhn

Spokesperson Open Auto Drive Forum (OADF), Germany

Enabling Sustainable Mobility:

The role of OADF Data Standards and Software-Defined Vehicles in Automated Driving



Tyler C. Folsom

Affiliate Professor, University of Washington,

School of STEM (Science, Technology, Engineering and Mathematics), USA

Towards a Sustainable Mobility Society



Takayuki Morikawa

Designated Professor and Professor Emeritus,

Global Research Institute for Mobility in Society (GREMO), Nagoya University, Japan

Toward the society of no mobility divide - Social implementation projects
of smart local mobility at Nagoya University

BOLDLY

UPDATE MOBILITY

Our mission is to contribute to resolving all the issues surrounding mobility, aiming to create a world where every individual can move freely, affordably, and safely.



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updatemobility



BOLDLY collaborates with local governments and regional transportation providers to establish the daily operation of autonomous vehicles and promote the revitalisation of the area, while also striving to achieve Level 4 autonomous driving services.

DISPATCHER

BOLDLY's FMS ready for Level 4 Operation

Autonomous vehicles alone are not enough to start operations. Remote control from distant locations is necessary for tasks such as providing driving instructions along the schedule, maintaining in-vehicle safety, and responding emergencies. By implementing BOLDLY's "Dispatcher" dedicated for Level 4 autonomous vehicles, you can access many essential functions for your operations.



For inquiry:
SBMGRP-SBDpartner@g.softbank.co.jp

Leader in Japan (According to BOLDLY's Research)



Autonomous Bus Operation Support

16 areas

Daily Operation of Autonomous Shuttles
In Japan by the end of FY24

160 times

Autonomous Vehicle Demonstrations
Conducted by BOLDLY



SIP on Development of Smart Mobility Platform

Session Overview

Professor Emeritus, Ishida of Tsukuba University, who is the program director of SIP (3rd phase) on Development of Smart Mobility Platform, will give a presentation on the latest status of SIP Smart Mobility Platform initiatives.

Speaker



Haruo Ishida

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

Session Overview

The latest initiatives from around the world will be presented from various perspectives, including safety and operations, with the aim of realizing new mobility services like automated driving.

Speakers



Timothy Haile

Executive Director, Contra Costa Transportation Authority, USA
Next generation shared mobility – exploring new business models

*Presentation Title



Henry L. Greenidge

Principal, OurMobilityFuture, LLC, USA

*Cancel



Joachim G. Taiber

Managing Director and founder of IAMTS (International Alliance for Mobility Testing and Standardization), Austria
Visiting Professor at Dyson School of Design Engineering and Advanced Research Fellow at Centre for Sectoral Economic Performance at Imperial College in London, UK

The transition from physical testing to virtual testing to enable highly and fully automated mobility at scale over the complete vehicle lifecycle



Takuya Horikawa

Head of Global Partnerships / Manager,
Business Development, BOLDLY Inc., Japan

Why and How Rural Cities Lead the Deployment of Autonomous Driving Vehicles in Japan



Ko Miyoshi

CSO (Chief Strategy Officer), Business Unit, Tier IV Inc., Japan

TIER IV's pivotal role in revolutionizing autonomous driving technology domestically and internationally



Hideaki Yokomizo

Director and Executive Officer at WILLER, Inc., Japan

Autonomous vehicle as a Service: WILLER's approach

Plenary Session 3 : Innovative research to support mobility innovation

Session Overview

Presentations will be made on research activities that lead to mobility innovation from various perspectives, including not only technical aspects but also non-technical aspects such as social acceptance.

Speakers

*Presentation Title



Joe Zietsman

Deputy Agency Director, Texas A&M Transportation Institute, USA
Research Perspectives from the Texas A&M Transportation Institute



Timo Woopen

CEO, Thinking Cars GmbH,
Head of Automated Driving, ika - RWTH Aachen University, Germany
Architecting Autonomy: Leveraging Open Source for Next-Gen Mobility Solutions



Akimasa Fujiwara

Professor, Graduate School of Advanced Science & Engineering,
Hiroshima University, Japan
Smart Mobility Platform towards Carbon Neutral and Healthy Aging City Initiative



Mauro Dell'Amico

President, Interuniversity Consortium
for Optimization & Operations Research (ICOOR),
Professor, University of Modena and Reggio Emilia (UniMORE), Italy
*SINFONICA : Social INnovation to FOster iNclusIve cooperative,
Connected and Automated Mobility*



Viktoriya Kolarova

Leader of the research group "Automated & connected driving"
at the German Aerospace Center (DLR), Institute of Transport Research, Germany
*Challenges in developing and implementing mobility innovations,
and how socio-economic research can facilitate the process*

Session Overview

As a wrap-up of the Mobility Innovation Workshop, a panel discussion will be held among panelists to discuss issues or activities from the perspective of what we should be addressing now to achieve a sustainable mobility society, as well as the importance of international collaboration in solving these issues together, with questions & answers from the audience.

Speakers

Moderator



Takashi Oguchi

Director, Mobility Innovation Alliance Japan,
Professor, Advanced Mobility Research Center, Institute of Industrial Science (IIS),
the University of Tokyo, Japan

Panelists



Jane Lappin

Partner, Blue Door Strategy & Research, LLC, USA



Habib Shamskhov

CEO, Advanced Mobility Group, USA



Tom Alkim

Strategic Advisor Connected & Automated Mobility,
MAPtm, The Netherlands



Kazuya Takeda

Professor, Global Research Institute for Mobility in Society (GREMO),
Vice President, Nagoya University, Japan



Kimihiko Nakano

Professor, Institute of Industrial Science, the University of Tokyo, Japan

Closing

Speaker

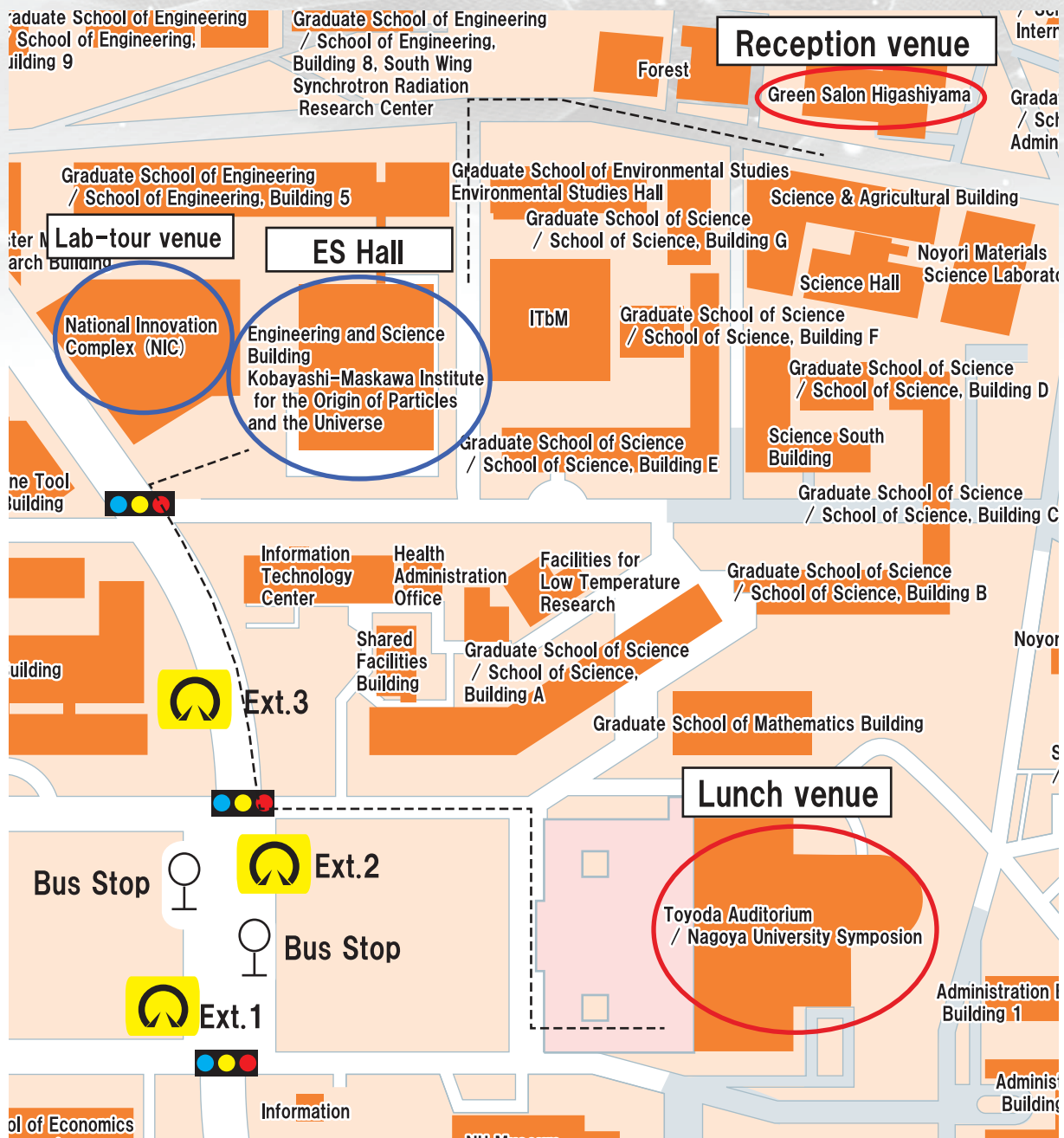


Akio Yamamoto

President, ITS Japan, Japan

Venue Map

ES Hall, Higashiyama Campus, Nagoya University



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://www.linkedin.com/company/mobility-innovation-alliance/>

Please share your experience with **#MIWJ2024**