



D-G2CAM

2025 DANKOOK-GYEONGGI ACADEMIA-INDUSTRY ALLIANCE GLOBAL CONFERENCE ON ADVANCED MOBILITY

2025. 11. 14 FRI

Dankook University Jukjeon Campus
International Hall

<https://d-g2cam.com>



Pre-Registration

Beyond Boundaries,
Into the Future of Mobility - AI, Energy, and Human Convergence

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This international conference explores the future innovation directions of the mobility industry, where cutting-edge technologies such as AI, semiconductors, batteries, power electronics, and control systems converge.

Experts from Korea, Germany, China, Japan, and other leading countries will participate to share insights and present a vision for global collaboration, focusing on key topics including AI-integrated mobility talent development, power semiconductor innovation, and next-generation battery and motor technologies.

Registration

PROGRAM



Time(KST)	Topic
09:30 – 10:00 (30')	Registration
10:00 – 10:30 (30')	Welcome reception
10:30 – 10:50 (20')	Key-note 1. AI Mobility Human Resource Development Strategies for Future Mobility in the Age of AI-Driven Industrial Convergence • Chul Woo KIM (KOREA, Mobility Convergence Department of Korea Electronics Association, Director)
10:50 – 11:10 (20')	Key-note 2. Future Mobility Trend and Strategic R&D Activities in Future Mobility at Fraunhofer Institutes in Germany • Tae Young Han (Germany, Fraunhofer Institute for Ceramic Technologies and Systems IKTS/ Group head)
11:10 – 11:30 (20')	Key-note 3. Space & Aviation Control and Performance of Lifting-Wing Multicopters: Current Status and Future Trends • Quan Quan (China, Department of Automatic Control of Beihang University, Professor)
11:30 – 13:30 (120')	Break time & Networking ▶ Corporate exhibition(13:00 ~ 17:00)
13:30 – 13:50 (20')	Technical seminar 1. Automotive Semiconductor Driving Innovation in Automotive Power Semiconductors Amid Global Trade Uncertainties • Jet CHANG (KOREA, STMicroelectronics + Power & Discretes Korea, Marketing Manager)
13:50 – 14:10 (20')	Technical seminar 2. Battery Structural batteries for mobile device electrification • Byoung-Sun Lee (KOREA, Dankook University, Associate Professor)
14:10 – 14:30 (20')	Technical seminar 3. Motor Control Smart stator technologies for PMSM by multiple inverters • Kan Akatsu (Japan, Yokohama National University, Professor)
14:30 – 14:50 (20')	Technical seminar 4. Power Electronics Multi-purpose Hybrid Power Conversion Systems for Multi-Source Electric-Mobility Applications • Yeonho Jeong (USA, University of Rhode Island, Assistant Professor)
15:30 – 16:30 (60')	Poster session

※The above schedule is subject to change depending on circumstances.

- **Call for Papers:** Advanced Mobility Poster Session
- **Exhibition Application for Companies :** Showcase your products, technologies, and recruitment opportunities to industry and research experts in the advanced mobility field.

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