



Industry Forum  
at EKC 2025

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Global Industrial Technology  
Innovation Forum





## Industry Forum at EKC 2025

### Welcome Message

Dear distinguished guests and participants,

It is my great honor and pleasure to welcome all of you to the Europe-Korea Conference on Science and Technology 2025 (EKC2025), which will be held at the TU Wien in Vienna, Austria. The EKC2025 is hosted by the Korean Scientists and Engineers Association in Austria (KOSEAA) together with the Korean Federation of Science and Technology Societies (KOFST) and eight other affiliates in Europe which are in Germany (VeKNI), France (ASCoF), United Kingdom (KSEAU), Finland (KOSES), Scandinavia (KSSEA), the Netherlands (KOSEANL), Switzerland (KSEAS), and Belgium (KOSEAbel).



**Dr. Han, Man Wook**  
Chair of EKC2025

President of the Korean Scientists and  
Engineers Association in Austria

Welcome to Vienna! We are delighted to welcome you to the most livable city in the world, where culture and history meet innovation, for our conference themed “Global Innovative Frontiers: Bridging Research and Industry: Exploring Fundamentals and Driving Prosperity.” It focuses on the intersection between cutting-edge research and its practical applications in industry to foster economic and societal growth.

Bridging research and industry is vital for translating scientific discoveries into tangible societal benefits. By exploring fundamental research and fostering collaboration, we can drive prosperity and address global challenges. To achieve this, it is essential to create supportive ecosystems that encourage innovation, investment, and knowledge exchange.

EKC2025 brings together visionary researchers, industry leaders, and policymakers across Europe and Korea to explore the essential connections between fundamental research and its real-world applications. During the conference, we will engage in thought-provoking discussions, share pioneering ideas, and forge collaborations that will drive technological advancement and economic prosperity.

As we explore the frontiers of science and technology, let us work together to foster an environment of creativity and innovation. Your insights and experiences are invaluable as we strive to address global challenges and unlock new opportunities for growth and development. We look forward to welcoming you to EKC2025, an inspiring and impactful conference!

# Global Industrial Technology Innovation Forum

In line with the EKC 2025 theme, “Global Innovative Frontiers: Bridging Research and Industry – Exploring Fundamentals and Driving Prosperity,” the Industry Forum is committed to enhancing collaboration between European and Korean industry and academia, facilitating the exchange of innovative ideas, and fostering long-term, sustainable networks. The 2025 forum will feature focused sessions on Automation & Mobility, Life Science and Hydrogen

• **Date** 26 (TUE) AUGUST, 2025 9:00 ~ 17:00

• **Venue** TU Wien, Campus Freihaus, Wiedner Hauptstraße 8-10, 1040 Vienna

• **Organised by**    

- Korean Scientists and Engineers Association in Austria (KOSEAA)
- Korea Planning & Evaluation Institute of Industrial Technology (KEIT)
- Austrian Research Promotion Agency (FFG)
- Korea Institute for Advancement of Technology (KIAT)

## PROGRAMME AT A GLANCE

08:00 ~ 09:00	Registration (Ground Floor (EG) Registration)
09:00 ~ 11:00	Global Industrial Tehcnology Innovation Forum
11:00 ~ 14:00	1:1 Matching Session
14:00 ~ 17:00	Parallel Industry Forum Sessions <ul style="list-style-type: none"> <li>• Automation and Mobility (FH Hörsaal 3)</li> <li>• Life Science (FH Hörsaal 1)</li> <li>• Hydrogen (FH Hörsaal 4)</li> </ul>

# Global Industrial Technology Innovation Forum

09:00 ~ 09:10	<b>Opening Ceremony</b> <ul style="list-style-type: none"> <li>• Moderator: Yeongmi Kim Industry Forum Chair, Professor, Department of Medical &amp; Health Technologies, MCI</li> </ul> <b>Welcome Address &amp; Congratulatory Remarks</b> <ul style="list-style-type: none"> <li>• Man-Wook Han Conference Chair, President of Korean Scientists and Engineers Association in Austria (KOSEAA)</li> <li>• Yoonjong Chun Chairman and President, Korea Planning &amp; Evaluation Institute of Industrial Technology (KEIT)</li> <li>• Karin Tausz Managing Director, Austrian Research Promotion Agency (FFG)</li> </ul>
09:10 ~ 09:25	<b>Keynote Speech I</b> Exploring Opportunities for Collaboration with South Korea <ul style="list-style-type: none"> <li>• Karin Tausz Managing Director, Austrian Research Promotion Agency (FFG)</li> </ul>
09:25 ~ 09:40	<b>Keynote Speech II</b> Decarbonization Technology at HD Hyundai <ul style="list-style-type: none"> <li>• Kevin Koosup Yum Senior Vice President, Hyundai Europe R&amp;D Center</li> </ul>
09:40 ~ 09:55	<b>Keynote Speech III</b> AI Supported Virtualization of Vehicle Development to Ensure Global Competitiveness <ul style="list-style-type: none"> <li>• Gerhard Meister Vice President, AVL List GmbH</li> </ul>
09:55 ~ 10:10	<b>Keynote Speech IV</b> Advancing Healthcare Through Biomedical Innovation (Industrial Policy and Tech. Trends in South Korea) <ul style="list-style-type: none"> <li>• Jihoon Park Medical Device and Healthcare Program Director, Korea Planning &amp; Evaluation Institute of Industrial Technology</li> </ul>
10:10 ~ 10:25	<b>Keynote Speech V</b> Empowering Networks, Creating Impact: Driving Industrial Innovation with EIT Manufacturing <ul style="list-style-type: none"> <li>• Johannes Hunschofsky Managing Director, EIT Manufacturing</li> </ul>
10:25 ~ 11:00	Coffee Break and Networking
11:00 ~ 12:00	<b>1:1 Matching Session I</b> (20 mins each × 3 slots)
12:00 ~ 13:00	Networking & Light Bites
13:00 ~ 14:00	<b>1:1 Matching Session II</b> (20 mins each × 3 slots)
14:00 ~ 17:00	<b>Parallel Industry Forum Sessions</b> <ul style="list-style-type: none"> <li>• Automation and Mobility (Moderator: Sunghwan Park, KEIT)</li> <li>• Life Science (Moderator: Inyoung Yoo, KIAT)</li> <li>• Hydrogen (Moderator: Magdalena Lindl, HyPA)</li> </ul>

## Chair

### Prof. Yeongmi Kim

Professor, MCI – Department of Medical & Health Technologies

Yeongmi Kim is currently a professor in the Department of Medical & Health Technology at MCI in Austria.

After obtaining her Ph.D. in Mechatronics from GIST, Korea, in 2010, she pursued her research career across several European countries. She began as a postdoctoral researcher at the Rehabilitation Engineering Lab, ETH Zurich, Switzerland. She then worked as a research associate at the University of Sheffield in the UK, before joining MCI as a lecturer. In addition, she has been actively involved in standardization committees, including MPEG (Co-Editor of ISO/IEC 23005-7) and TTA.

Her work primarily focuses on robotic assessment and training systems for the rehabilitation of patients with neurological disorders. She develops innovative solutions for stroke recovery, emphasizing the restoration of hand and arm function through novel hardware and human-computer interaction technologies.

Another key area of her research is the development of a compact, compatible, and flexible teleoperative surgical robot platform. In 2016, she joined the da Vinci Research Kit User Group as a co-PI. She also explores assistive technologies, creating novel interfaces that enable safe and independent navigation for people with visual impairments, as well as robotic assistance systems for older adults.

Her research stands at the dynamic intersection of academic inquiry and real-world innovation in medical technology, driven by a strong commitment to translating scientific discoveries into practical solutions. Most projects are conducted in close collaboration with clinical institutions, user communities, and industry partners. She also maintains strong international links, working with global industry collaborators through European initiatives such as Eurostars and Interreg.



President, KOSEAA; Program Manager, TU Wien – Academy for Continuing Education

Dr. Man-Wook Han is the president of the Korean Scientists and Engineers Association in Austria (KOSEAA) and European Steering Committee Chair, Korea Technology Advisory Group (K-TAG). With a background in robotics, he has conducted research in mobile robot navigation, humanoid sensing, and multi-agent control systems, contributing to both academic advancement and industrial applications.

Since KOSEAA's founding in 1998, Dr. Han has played a key role in fostering Europe–Korea scientific and technological networks, organizing multiple Europe–Korea Conference on Science and Technology (EKC) events, and promoting bilateral cooperation in science, technology, and innovation. He received the Order of Science and Technology Merit in 2013 and, in 2024, signed an MOU with the Korea Institute of Marine Science & Technology Promotion to enhance marine, the Yangsan Chamber Commerce & Industry, and fisheries R&D collaboration.



## VIP - Congratulatory Remarks

### Dr. Man-Wook Han





## VIP - Congratulatory Remarks

### Dr. Yoonjong Chun

President, Korea Planning & Evaluation Institute of Industrial Technology (KEIT)

Dr. Yoonjong Chun is the president of the Korea Planning & Evaluation Institute of Industrial Technology (KEIT), responsible for planning, evaluating, and managing Korea's industrial R&D programs. An expert in R&D, industry, trade, and strategic policy, he has led initiatives to strengthen Korea's key industries, expand challenge-driven R&D, and foster global collaboration.

Before joining KEIT, he held senior positions at the Ministry of Trade, Industry and Energy, including Director General for Trade Cooperation and Deputy Minister for Trade Negotiations, and served as a research professor at KAIST's Science and Technology Policy Institute.

He earned his B.A. in Economics from Seoul National University and Ph.D. in Business Administration from the University of Leeds, UK. Dr. Chun is a full member of the Korean Academy of Engineering (since January 2025) and a civilian member of the Biohealth Innovation Committee (since December 2023).



### Karin Tausz

Managing Director, Austrian Research Promotion Agency (FFG)

Karin Tausz graduated from the Vienna University of Economics and Business Administration. She then held several positions as a strategist, manager and innovator with a focus on the mobility sector, including Head of Mobility Solutions at Magna Steyr and Program Manager Autonomous Vehicles & New Mobility at SBB AG. Most recently, she was Head of Corporate Development at ÖBB-Infrastruktur AG. Since 2023 Karin Tausz is General Manager of the Austrian Research Promotion Agency FFG.



## Keynote Speeches



### Keynote Speech I

Exploring Opportunities for Collaboration with South Korea

- Karin Tausz  
Managing Director, Austrian Research Promotion Agency (FFG)



### Keynote Speech II

Decarbonization Technology at HD Hyundai

- Dr. Kevin Koosup Yum  
Senior Vice President, Hyundai Europe R&D Center

Dr. Kevin Koosup Yum is a senior vice president in HD Hyundai Europe R&D Center (HD ERC). He has been engaged in modeling, simulation, and testing of new onboard energy systems such as hybrid power systems and hydrogen-fueled vessels. He now leads the HD ERC research team to accelerate decarbonization of shipping, the hydrogen value chain, electrification, and green energy production by creating collaborations between European bodies and HD Hyundai. Previously, he was a Senior Research Scientist at SINTEF Ocean and a sales engineer at a Korean shipyard for LNG carriers and oil tankers.

He earned a B.S. in Naval Architecture and Ocean Engineering from Seoul National University and M.S./Ph.D. in Marine Engineering from the Norwegian University of Science and Technology. Dr. Yum has participated in or led numerous projects in maritime energy systems and the decarbonization of shipping across Europe, Norway, and Korea, and serves as Vice President of the Europe-Korea Marine and Ocean Engineers Association (EKMOA).



Keynote Speech III

AI Supported Virtualization of Vehicle Development to Ensure Global Competitiveness

- Gerhard Meister  
Vice President, AVL List GmbH

In October 2021 Gerhard Meister assumed the role of Vice President, Business Field Electrification at AVL List GmbH. He is responsible for portfolio strategy and global business development in electrified propulsion systems engineering. He worked for many years in the US and Italy in various engineering and business development functions and set up xEV and Smart Vehicle Tech Center operations in Cavriago, Italy.



Keynote Speech IV

Advancing Healthcare Through Biomedical Innovation (Industrial Policy and Tech. Trends in South Korea)

- Jihoon Park  
Medical Device and Healthcare Program Director, Korea Planning & Evaluation Institute of Industrial Technology

Dr. Ji-Hoon Park is a Program Director (PD) at the Korea Planning & Evaluation Institute of Industrial Technology (KEIT), where he leads the strategic development and project formulation of national R&D initiatives in the medical devices sector under MOTIE. With 20+ years of experience managing national R&D, he focuses on AI in medical devices and improving healthcare delivery. He earned his Ph.D. from Yonsei University and serves as an adjunct professor at the Yonsei University College of Medicine.



Keynote Speech V

Empowering Networks, Creating Impact: Driving Industrial Innovation with EIT Manufacturing

- Johannes Hunschofsky  
Managing Director, EIT Manufacturing

Hannes Hunschofsky is Managing Director of EIT Manufacturing East and a long-time executive, lecturer, and board member in multinational manufacturing. He contributes to Europe’s competitiveness and sustainable production; in 2014 he received the Grand Decoration of Honor for services to the Republic of Austria.

Parallel Industry Forum Sessions

Automation and Mobility Session - FH Hörsaal 3

- Moderator: Sunghwan Park, Korea Planning & Evaluation Institute of Industrial Technology (KEIT)

14:00	Sunghwan Park — Korea Evaluation Institute of Industrial Technology (KEIT)
14:05	Andreas Ravazzolo Mehrle — MathWorks
14:10	Alexander Numrich — Österreichische Gesellschaft für Mess-, Automatisierungs- & Robotertechnik (GMAR)
14:15	Peter Reichel — Österreichischer Verband für Elektrotechnik (OVE)
14:20	Gerhard Meister — AVL List GmbH
14:25	Michael Zillich — AIRSKIN
14:30	Seonhi Ro — LNI 4.0
14:35	Lena Franke — ARTI Robots
14:40	Mi Chang — Electronics and Telecommunications Research Institute (ETRI)
14:45	Mihail Stanev — EIT Manufacturing
14:50	Min Son — Advanced Mobility Expert Network (AMExNet)
14:55	Coffee Break & Networking
15:30	Hoseok Song — Koh Young Technology
15:35	Taejin Ha — VIRNECT
15:40	Duncan Duffy — Lloyd's Register
15:45	Jorge Vidal — TAUROB
15:50	Seok Chan Jeong — AI Grand ICT Research Center
15:55	Seoyeon Yun — Siemens Schweiz AG
16:00	Philipp Bachler — TTTech Auto (part of NXP)
16:05	Jae Wan Park — SeAH Changwon Special Steel Corp
16:10	Young Choi — Korea Institute of Machinery & Materials (KIMM)
16:15	Junseong Bang — Ymatics
16:20	Juseong Lee — European Korean Association of Mechatronics and Aerospace (EKAMA)
16:25	Coffee Break & Networking

Life Science – FH Hörsaal 1

• Moderator: Inyoung Yoo, Korea Institute for Advancement of Techonlogy (KIAT)

14:00	Mario Hercezi — ADAX d.o.o. · Overview of EU Medical Device Regulation andClinical Investigations
14:10	Hoseok Song — geniant
14:15	Wolfgang Ptacek — Austrian Center for Medical Innovation and Technology (ACMIT)
14:20	Heeyoung Chae — UCB BioPharma
14:25	Jae-Eun Lee — Yellowstone Biosciences
14:30	Jeongeun Chae — Lipotype GmbH
14:35	Daeik Kim — HK inno.N
14:40	Giuk Lee — HUROTICS
14:45	Sung Kue Lee — Korea Health Industry Development Institute (KHIDI)
14:50	Coffee Break & Networking
15:10	Klaus Weinberger — Health Hub Tirol
15:15	Matthias Harders — University of Innsbruck
15:20	Aniko Fejes — EIT Health Austria
15:25	Allard Sym Sprenger — SyncVR Medical
15:30	Benedikt Mandl — Vienna BioCenter
15:35	Johannes Passecker — Tilia Health
15:40	Hyun Soo Lim — BioOptics
15:45	F. Odi Stummer — Martin-Luther-University Halle-Wittenberg
15:50	Liesa Doppler — Life Science Austria (LISA)
15:55	Jeongyoon Lee — SK Biopharmaceuticals
16:00	Daheen Lee — Primal Pictures
16:05	Coffee Break & Networking
16:25	Seung Tae Choi — InteractOn
16:30	Jeong Heon Ko — Korea Research Institute of Bioscience and Biotechnology (KRIBB)
16:35	Sungsu Park — Organo Plus
16:40	Changseon Ryu — Korea Institute of Science and Technology (KIST)
16:45	Dimitrios Lenis — VRVis
16:50	Jiwon Jung — TU Delft
16:55	Sunghwan Park — Korea Planning & Evaluation Institute of Industrial Technology (KEIT)

Hydrogen – FH Hörsaal 4

• Moderator: Magdalena Lindl, Hydrogen Partnership Austria (HyPA)

14:00	Magdalena Lindl — Hydrogen Partnership Austria (HyPA)
14:05	Markus Strömich-Jenewein — INNIO Jenbacher
14:10	Rachmat Adhi Wibowo — Austrian Institute of Technology (AIT)
14:15	Jongseok Shin — National Institute of Green Technology (NiGT)
14:20	Reum Koo — Everllence
14:25	Hyuntae Sohn — Korea Institute of Science and Technology (KIST)
14:30	Simon Reckla — Wolf tank
14:35	Jae Kap Jung — Korea Research Institute of Standards and Science (KRISS)
14:40	Patrick Pertl — Hydrogen Research Center Austria (HyCentA)
14:45	Richard Schauerl — AVL List GmbH
14:50	Coffee Break & Networking
15:30	Jasmin Schiefer — Wien Energie
15:35	Byung Ha Park — Korea Atomic Energy Research Institute (KAERI)
15:40	Matzer Margherita — WIVA P&G
15:45	Joong Hee Lee — AHES Co.
15:50	Nak Heon Choi — ANDRITZ
15:55	Sunyoup Lee — Korea Institute of Machinery & Materials (KIMM)
16:00	Markus Valtiner — Vienna University of Technology
16:05	Michael Harasek — Vienna University of Technology
16:10	Taeyoon Kim — Korea Institute of Energy Technology Evaluation and Planning (KETEP)
16:15	Coffee Break & Networking