



Korea-Austria Joint Conference on Technical Cooperation in Hydrogen Energy and ICT



Thursday, 11 November 2021,
09:00–13:00 (CEST) Virtual
(register [here](#))



Background

The Republic of Korea and Austria have been strengthening science and technology cooperation since 1998. Based on a memorandum of understanding signed in 2019, the first Joint Committee Meeting on Science and Technology was held in Vienna, which was followed by an exchange program for researchers in 2020. In June 2021, during the state visit by the President of the Republic of Korea, Moon Jae-in, to Austria, the two countries committed to expanding cooperation in future cutting-edge industries such as hydrogen energy and ICT. Enhanced cooperation in these fields will produce mutually beneficial outcomes by combining Austria's advanced scientific and technological capabilities with Korea's world-class commercialization and industrialization abilities.

Objectives

The aim of the conference is to bring experts from Korea and Austria together to discuss the current status of technology development and cooperation plans in areas of common interest, in particular hydrogen energy and ICT. The results of the conference will serve as reference points to derive measures for deepening collaboration between the two countries in a Second Joint Committee Meeting on Science and Technology.

Organiser



Partner



- 09:00–09:20 **Opening Remarks**
Dr. Man Wook Han, President of Korean Scientists and Engineers Association in Austria
- Welcoming Remarks**
H.E. Mr. Chae-hyun Shin, Ambassador of the Republic of Korea in Austria
- Welcoming Remarks**
Mr. Heribert Buchbauer, Head of Department for International Research Cooperation and Science Diplomacy
- Congratulatory Remarks**
Dr. Michael Nöst, CEO of Austrian Association for Advanced Propulsion Systems
- Congratulatory Remarks**
Prof. Johannes Fröhlich, Vice Rector for Research & Innovation, TU Wien

Topic 1 : Hydrogen Energy

- 09:20–09:40 **The Current Status of the Global Hydrogen Industry & Hyundai Motor Group's Vision**
Mr. Ronald Grasman, Vice President, Head of Fuel Cell Business Development Team, Hyundai Motor Company
- 09:40–10:00 **Hydrogen Activities, Transnational Cooperations and Funding Programs in Austria**
Dr. Andreas Dorda, Deputy Director of Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (Abt. III/i4)
- 10:00–10:20 **Status and Development Plan for Hydrogen Energy in Korea**
Dr. Jonghee Han, Director of Institute of Hydrogen Energy of Korea Institute of Energy Technology
- 10:20–10:40 **Austrian Best-Practice H₂ Application Projects**
Dr. Alexander Trattner, CEO and Research Director of HyCentA Research GmbH
- 10:40–11:00 **Activities of Hydrogen and Fuel Cells in Doosan**
Dr. Sangjin Moon, Vice President of R&D/New Business Division of Doosan Fuel Cell
- 11:00–11:20 **Future Potential of Different Green H₂ Productions**
Dr. Michael Friedmann, CEO, ICT Impact GmbH
- 11:20–11:40 **Strategy for New Deal Technology Transfer Partnership in view of International Organization, UN-CTCN**
Dr. Woo-jin Lee, Senior Innovation Specialist of United Nations Climate Technology Centre & Network
- 11:40–12:00 **Large-scale Hydrogen Storage Concepts for Seasonal Storage**
Prof. Michael Harasek, Research Unit of Thermal Process Engineering and Simulation, TU Wien

Topic 2 : ICT

- 12:00–12:20 **Trend of ICT Policy in Austria and RF Communication Standards**
Dr. Josef Preishuber-Pflügl, Executive Vice-President, CTO of CISC Semiconductor GmbH
- 12:20–12:40 **Trend of ICT Policy in Korea and Cooperation with Austria**
Dr. Tae-seung Song, Director General of S.M.A.R.T Industry Division of Korea Testing Laboratory

Topic 3 : Researcher Exchange Program

- 12:40–13:00 **Status and Performance of Korea-Austrian Bilateral Scientific & Technological Cooperation Program**
Dr. Yoojin Oh, Project Leader of Institute of Biophysics, Johannes Kepler University Linz

- 13:00 **Closing Remarks**
Dr. Man Wook Han, President of Korean Scientists and Engineers Association in Austria

