

2023 Korea-Finland Sustainable and Circular Economy Symposium

November 1, 2023

Dipoli, Otakaari 24, 02150 Espoo, Finland

THEME

Developing Tomorrow's Material and Energy Cycles

- ✓ Discussion of science and technology policies and latest trends on the sustainability and circular economy of materials
- ✓ Promoting increased collaboration between Korean and Finnish industries and institutions

Topics include, but not limited to:

- Pyrometallurgical and hydrometallurgical aspects of improved recycling technologies
- Adaptive materials recovery & extraction processes
- Energy efficiency improvement in process engineering
- Advances in green steel research and development
- Waste heat recovery and other industrial energy efficient technologies
- Waste management and valorization
- Emission control including CO₂ capture and storage

HOST

Embassy of the Republic of Korea in Finland
&
The Society of Korean Scientists and Engineers in Finland (KOSES)

HONORARY SPEAKERS

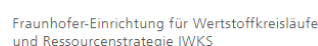


Dr. Satu Jyrkönen, Metso Metals Oy Ambassador Kim Jung-ha, Embassy of the Republic of Korea in Finland Prof. Ari Jokilaakso, Aalto University

ORGANIZERS

- Dr. Min-Kyu Paek, Research Institute of Industrial Science and Technology (RIST)
- Dr. Fiseha Tesfaye, Metso Metals Oy
- Prof. Daniel Lindberg, Aalto University



PARTICIPATING COMPANIES AND INSTITUTIONS



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3rd annual symposium

SCHEDULE (Room - Kaleva)

16:30	OPENING
16:30 – 16:40	Prof. Ari Jokilaakso , Aalto University Dr. Satu Jyrkönen , Metso Metals Oy Welcoming address
16:40 – 16:45	Ambassador Kim Jung-ha Embassy of the Republic of Korea in Finland Congratulatory address
16:45	PRESENTATIONS
16:45 – 17:00	Timo Haimi (Senior Sales Manager, Metso Metals Oy), <i>Metso's DRI smelting furnaces</i>
17:00 – 17:20	Sangwon Kim (Senior Researcher, KIST Europe), <i>Hydrogen energy and energy storage for carbon neutrality</i>
17:20 – 17:40	Jungwook Cho (Professor, POSTECH), <i>Design principal for eco-friendly fluorine-free mold fluxes</i>
17:40 – 17:55	Lauri Pesonen (Director of Sales Development, Metso Metals Oy), <i>Pushing the frontier on e-scrap processing</i>
17:55 – 18:10	Mari Lundström (Professor, V. Dean, Aalto University), <i>Finland-based circular ecosystem of battery metals</i>
18:10 – 18:25	Leena Hupa (Professor, Åbo Akademi University), <i>Circular economy research of ceramic materials at Åbo Akademi University</i>
18:25 – 18:40	Dongha Lee (Leader of secondary battery materials unit in Europe, POSCO-Europe), <i>POSCO's sustainable strategy in the battery recycling</i>
18:40	CLOSING REMARKS Daniel Lindberg (Aalto University) Min-Kyu Paek (RIST) Fiseha Tesfaye (Metso Metals Oy)
18:45	 GROUP PHOTO
19:00 – 22:00	 BANQUET , Radisson Blue Hotel, Bistro Ranta, Otaranta 2, 02150 Espoo