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International Conference on
Environmental Remediation and
Radioactive Waste Management
(ICEM2023)**

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Environmental Engineering Division

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WELCOME TO ASME 2023 INTERNATIONAL CONFERENCE ON ENVIRONMENTAL REMEDIATION AND RADIOACTIVE WASTE MANAGEMENT (ICEM2023)

Dear distinguished guests, colleagues, and participants,

On behalf of the organizing committee, it is my great pleasure to welcome you all to the International Conference on Environmental Remediation and Radioactive Waste Management ICEM2023, organized by ASME in cooperation with the International Atomic Energy Agency (IAEA), in International Conference Centre of Stuttgart, Germany.

We are honoured to have you here to discuss the latest developments and advancements in nuclear power plant decommissioning and demolition, radioactive decontamination, disposal of nuclear waste, nuclear waste storage, radioactive waste management, environmental remediation, and much more.

The nuclear sector takes full responsibility for all its wastes and managed them responsibly since the dawn of civil nuclear power as an efficient management is crucial to ensure the safe sustainable usage of nuclear energy. We all must ensure cutting-edge knowledge creation and preservation that can enable safe, innovative, sustainable, and publicly acceptable solutions for the management of radioactive waste now and in the future.

This conference offers a unique opportunity to the researchers, engineers, and industry experts to exchange ideas, share visions and experiences, and collaborate on new and innovative solutions towards a nuclear (net-zero) sustainable society.

The conference program is filled with exciting sessions and keynote speeches, covering a wide range of topics from the approach to siting spent fuel management facilities to the technological advancements in coping with Chernobyl disaster or in robotics and remote handling nuclear waste technologies. We encourage you to actively participate in these discussions and contribute your expertise towards shaping the future generation legacy in a sustainable and environmentally responsible manner.

I also would like to thank all committee members for preparing for this conference.

Once again, we welcome you all to the International Conference on Environmental Remediation and Radioactive Waste Management ICEM2023 and wish you a productive and enjoyable time here in Stuttgart.

Rosa Lo Frano

Conference Chairperson, ICEM2023

Horst Monken Fernandes

Conference Co-Chairperson, ICEM2023

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Maki Habib - The American University in Cairo

Facility Decommissioning, Decontamination & Demolition (D/D&D) Overall (Plan, Decommissioning, Demolition, R&D)

Patrice Francois - Institute for Radiological Protection and Nuclear Safety (IRSN)

Sven Boden - SCK CEN

Andrea Tonti - INAIL

Major Facilities Experience in Handling Accidents and D/D&D

Youichi Tsubota - Japan Atomic Energy Agency

Emmanuel Porcheron - Institute for Radiological Protection and Nuclear Safety (IRSN)

Spent Fuel, Fissile Material, TRU and HLW Management

Tebogo Motlhabane - National Radioactive Waste Disposal Institute (NRWDI)

Albert Kruger - US DOE

L/ILW Radioactive Waste Management

Emmy Roos - Belgoprocess

Martin Filss - TUV SUD AG

Rosa Lo Frano - University of Pisa

Stephen Halliwell - VJ Technologies

Environmental Remediation (ER) Including Activities at NORM/TENORM Sites

Keith Anderson - ECC

Mohammad Ghani - Eberhard Karls University

Special Topics 1 - Public Involvement/ Crosscutting Issues/Global Partnering/Human Resource Development

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Anthony Taggart - Con Edison

Frank L. Michell - Power Industry Consulting LLC

Special Topics 2 – New Facility Planning/ Environmental Management (EM)/ Health & Safety

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Torsten Pfalz - TÜV Rheinland Industrie Service

Student/Young Engineers Program

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D/D&D Research & Development Activities

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Erika Holt - VTT

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