

Time	Session Number	Room	Session Title	Presenter	Nationality	ID	Presentation Title	Abstract No.
10/23 10:30-12:10	1-3	Buzz Hall	Emerging Contaminants III: Microplastics & Antimicrobial Resistance Prof. Dilek F. Sanin, Middle East Technical University, Turkey	Oğuzhan Altuntaş	Turkey	1-3-01	Comparison of Mesophilic and Thermophilic Digestion of Enzyme Treated Sludge with Polypropylene Microplastics	C000056
				Kevin Daffa Prasetya	Taiwan	1-3-02	Characterizing sludge-derived microplastics: Insights from spatiotemporal patterns, ecological risks, and their implications on sewage sludge management	C000093
				Ipek Ayça	Turkey	1-3-03	Impact of Disintegration Methods on Sludge Solubilization and BPA Leaching from Polycarbonate Microplastics	C000055
				Siti Asah Md Ali	Japan	1-3-05	Dissemination of Antibiotic Resistance Genes in Rice Paddy Soils Amended with Composted Sewage Sludge	C000163
	2-3	Room 1	Anaerobic Digestion III: Biogas Upgrading & GHG Mitigation Prof. Konrad Koch, Technical University of Munich, Germany	Masaaki Nomura	Japan	2-3-01	Influence of hydrogen supply factors on in-situ biological biogas upgrading in thermophilic anaerobic digestion of sewage sludge	C000232
				Xaver Niebauer	Germany	2-3-02	Membrane-based rejection of metabolic water in trickle bed reactors for biological methanation	C000128
				Hirono Yamaguchi	Japan	2-3-03	Biogas Upgrading by ex-situ Biomethanation process using Trickle Bed Reactor	C000024
				Shino Fujioka	Japan	2-3-04	Pilot Plant Demonstration of ex-situ Biomethanation: Process Optimization for Biogas Upgrading	C000022
				Kenji Aota	Japan	2-3-05	Field Tests of Ex-situ Bio-methanation Using Digestion Gas Generated from Sewage Sludge in Japan	C000180
	3-3	Room 2	Electrochemical & Advanced Oxidation Processes and Analysis Dr. Daqian Jiang, The University of Alabama, USA	Lucky Caesar Direstyani	Japan	3-3-01	Methane Production in the Single-Chamber Microbial Electrolysis Cell Inoculated with Mesophilic Anaerobic Digestion Sludge: Impact of Applied Voltage and Electrolyte Composition	C000126
				Namiki Matsuhashi	Japan	3-3-02	Electrodialytic Concentration of Fertilizer Elements from Centrate of Anaerobically Cultivated Excess Sludge	C000170
				Daqian Jiang	United States of America	3-3-03	Electrical Stimulation Enhances Proliferation of Antibiotic Resistance Genes (ARG) with Broad-Spectrum Tetracycline (Tet)	C000214
				Warunee Limmun	Thailand	3-3-04	Removal of Antibiotics from Water Sample and Anaerobically Digested Sewage Sludge Using Electrochemically Synthesized Potassium Ferrate	C000096
				Myatmarlar Sao	Myanmar	3-3-05	The Resilience of Microbial Activity to Salinity Shock in Enhanced Sewer Self-Purification System	C000155
	4-3	Room G	Resource Valorization III: Advanced Nutrient Recovery Prof. Zhen (Jason) He, Washington University in St. Louis, USA	Yu-you Li	China	4-3-01	Novel Municipal Wastewater Treatment System for Energy Self-sufficiency Using Iron Recycling-driven Organic Capture and Side-stream AnMBR	C000197
				Eiran Kochavi	Israel	4-3-02	Utilization of Thermo-Chemical Sludge Disintegration for Nutrients recovery from Waste Activated Sludge (WAS)	C000008
				Zhenglong Guo	China	4-3-03	Enhancing hydrogen and vivianite recovery from waste activated sludge via microbial electrolysis cell assisted by iron anode	C000079
				Zhen (Jason) He	United States of America	4-3-04	Electrochemical phosphorus recovery from sewage sludge	C000042
				Linda K. Müller	Germany	4-3-05	Influence of Calcium on P-Recyclate from Sewage Sludge	C000118
	5-3	Room A	Circular Agriculture III: Contaminants and Sustainability Challenges Prof. Taku Fujiwara, Kyoto University, Japan	Taku Fujiwara	Japan	5-3-01	From Sewage Sludge to Agriculture: Governmental Initiatives, Technologies, and Sustainable Practices in Japan	C000075
				Fenfen Zhu	China	5-3-03	Mercury Behavior in "Ryegrass + soil" System with Sewage Sludge Applied	C000059
				Anh The Vu	Japan	5-3-04	CuO and ZnO Nanoparticle Contamination in Composted Sewage Sludge: Effects on Rice Yield and Soil Dynamics	C000049
				Naoki Takahashi	Japan	5-3-05	Leaching of Heavy Metals from Anaerobically Digested Sewage Sludge by Plasma Treatment	C000169
	6-3	Room B	Sustainability & Life-cycle Assessment Prof. Malgorzata Jadwiga Kacprzak, Warsaw University of Technology, Poland	Richard Lancaster	UK	6-3-01	Global Challenges and Opportunities for Biosolids & Development of an Adaptive plan to mitigate	C000218
				Malgorzata Jadwiga Kacprzak	Poland	6-3-02	Emerging Sewage Sludge Treatment Technologies for Land Carbon Sequestration: A Comprehensive Review	C000005
				Dirk Jan Dinno Coligado	Philippines	6-3-03	Linear Optimization of Sludge Transportation and Treatment Pathways in a Semi-Centralized Wastewater Treatment System in Metro Manila, Philippines	C000231
				Angelica Euara Manrique	Philippines	6-3-04	Evaluating the environmental impact of different alternative Sludge Management strategies for Municipal Wastewater Treatment in Metro Manila using life cycle analysis	C000230
				Carlos Daniel Garcia-Lopez	Mexico	6-3-05	Evaluating Sludge Management Strategies Using Wastewater Treatment Plant Simulations and Life Cycle Assessment	C000226
	7-3	Room C	Industrial Inorganic Sludge Management Dr. Jinkai Xue, University of Regina, Canada	Jinkai Xue	Canada	7-3-01	Reimagine Waste and Pollutants: Valorization of Water Treatment Residual (WTR) for Phosphate Recovery and Environmental Sustainability	C000213
				Tomasz Bajda	Poland	7-3-02	From Waste to Value: Harnessing the Sorption Potential of Ferruginous Sludges for Sustainable Heavy Metal Remediation	C000097
				Fahrudin Sidik	Taiwan	7-3-03	Energy-Efficient Recovery of Heavy Metals from Acidified Semiconductor Sludge by Membrane Capacitive Deionization (MCDI)	C000133
				Oanh Thi Kim Le	Viet Nam	7-3-04	Evaluating the recycling potential of industrial sludge in Vietnam toward circular economy	C000201