Time	Session Number	Room	Session Title	Presenter (Family, First)	Nationality	Abstract No.	Presentation Title
10/22 13:00-15:00	1-1	Buzz Hall	Emerging Contaminants I: Fate & Analysis	Bekers, Yasemin	Canada	C000206	Biosolids Under Pressure: Addressing Emerging Contaminants and the Changing Regulatory Landscape in North America
				Simsek, Irem	Canada	C000078	From Wastewater to Soil: The Unsettled Fate of Microplastics in Sludge
				Sun, Yian	United States of America	C000183	Occurrence and Accumulation of Microplastics in Wastewater and Solids Treatment Streams
				Sanin, Dilek F.	Turkey	C000050	Synergistic Effects of Polycarbonate Microplastics and Sludge Disintegration on Anaerobic Digester Performance
				Cui, Min-Hua	China	C000027	Revealing the Impact and Migration Behavior of Triclosan in the Anaerobic Digestion of Waste Activated Sludge
				Bodík, Igor	Slovakia	C000063	Pharmaceuticals in Sewage Sludge and Methods of Their Thermal Removal
	2-1	Room1	Anaerobic Digestion I: Pre-treatment & Enhancement	Barber, William	United States of America	C000045	Review of the influence of thermal hydrolysis on the production of aqueous recalcitrant compounds
				Hafuka, Akira	Japan	C000084	Extraction of Organic Matter from Dewatered Sewage Sludge by Thermal Hydrolysis for Anaerobic Digestion
				Chauzy, Julien	Norway	C000017	Combination of Incineration with THP AAD for Energy Optimization
				Huang, Jiaqing	China	C000016	Comprehensive Assessment of Sludge Wet Air Oxidation and Its Integration with Anaerobic Digestion
				Ali, Muntjeer	India	C000114	Synergic effect of thermo-chemical pretreatment of waste-activated sludge on bio-methane enhancement
	3-1	Room2	Sludge Dewatering I: Pre-treatment & Process Innovations	KANG, KYEONG HWAN	Korea	C000048	Enhanced Sludge Dewaterability Using Biochar Conditioner Derived from Anaerobically Digested Sewage Sludge
				Takahashi, Katsuyuki	Japan	C000168	The influence of plasma and ozone treatments of methane fermentation digested slurry on the moisture content of dewatered sludge
				Lee, Sujin	Korea	C000067	Potential Application of Hypochlorous Acid-Based Oxidizers and Filter-Press Combined Process for Deep Dewatering of Digested Food Waste Sludge
				Li, Yongquan	Canada	C000008	Freeze/thaw process for sludge dewatering, nutrient recovery, and biogas generation in cold climate
				Nakaya, Yuki	Japan	C000123	Image Analysis-based Assessment of Operational Bias in Human Judgment: A Case Study on Determination of Flocculant Addition in Sludge Dewatering Process
	4-1	RoomG	Resource Valorization I: Thermal Treatment & Conversion	Takaoka, Masaki	Japan	C000134	Historical trends, roles, and future challenges of sewage sludge thermal treatment in Japan
				Nakanishi, Takumi	Japan	C000074	Report on the Operation of Sewage Sludge Dryer at Kahoku County City Clean Center
				Mizuno, Takaaki	Japan	C000223	Development of Excess Electricity Generating Sludge Incineration System Utilizing Step Grate Stoker Furnace
				Tomita, Mami	Japan	C000009	Research on Technology to Reduce N2O Emission from Sludge Furnaces in Wastewater Treatment Plants
				KESSAS, Sid Ahmed	France	C000121	Pyrocarbonisation of WWTP biosolids: Effect of operating conditions and feedstock properties on biochar quality and thermal balance of the process.
				Xu, Siqi	UK	C000108	Rethinking the sewage sludge valorisation options and pathways via pyrolysate upgrading: an output-oriented analysis
	5-1	Room A	Circular Agriculture I: Land Application & Soil Health	Livia Molinari	Italy	C000236	Successful operational model for the agricultural use of sludge/biosolids in Italy
				Phung, Luc Duc	Japan	C000094	Sewage Sludge Compost Enhances Soil Fertility and Supports Sustainable Yield in a Corn-Wheat Rotation
				Tuyisenge, Jean Claude	Rwanda	C000057	Sewage Sludge Compost and Liquid Digestate Enhance Protein Rich Forage Corn Yields Compared to Chemical Fertilizers
				Watanabe, Toru	Japan	C000106	Two-Year Assessment of Yield Responses and Greenhouse Gas Emissions from Cornfields Fertilized with Composted Sewage Sludge
				Alface, Angelo Baptista	Mozambique	C000087	Three-Year Effects of Composted Sewage Sludge Application on Rice Yield, Soil Fertility, and Greenhouse Gas Emissions
				Mezule, Linda	Latvia	C000047	Biomolecule recovery from sewage sludge and its accelerated use in agriculture
	6-1	Room B	Process Optimization: AI, Modeling & Control	Muloiwa, Mpho	South Africa	C000046	Modeling wet sludge in a climate-changing environment in the biological treatment process: Application of Artificial Neural Network
				Abdillah, Sultan F.I.	Taiwan	C000092	Unveiling Sludge Yield Patterns in Taiwan's Wastewater Treatment Plants via Integrated & Explainable Machine Learning Approach
				Bulathgamayalage, Uthpala Kaushalya	Japan	C000140	Quantifying Protruding Filaments via Deep Learning Semantic Segmentation to Assess Filamentous Bulking in Activated Sludge
				Safiyanti, Annisa Dwi	Taiwan	C000110	AI-Driven Analysis of Sludge Microscopic Data for Effluent Quality Prediction in Membrane Bioreactors
				SUI, Pengzhe	Japan	C000011	Interpretation of artificial intelligence models to identify key factors for sludge dewatering
				Aung, Zu Zu	Thailand	C000033	CFD Modeling of Velocity Changes Affected by Sludge Accumulation in a Commercial Septic Tank
	7-1	Room C	Fecal Sludge Management	Jothinathan, Harishvar	India	C000221	A Comparative Analysis of Composite and Grab sampling methods for Faecal sludge Characterization: A case study from Pilani, India
				Goto, Shotaro	Japan	C000156	Benefits and Challenges of the Work Environment of Pit Emptying Workers: A Case Study in an Informal Peri-Urban Settlement in Lusaka, Zambia
				Pillay, Sudhir	South Africa	C000117	Is Anaerobic Digestion a Suitable Treatment Option for Faecal Sludges in Low-and Middle-Income Countries (LMICs)?
				Paul, Subrata	Bangladesh	C000115	Enhancing Faecal Sludge Stabilization through Optimized Anaerobic Inocula from Septic Tank Sludge
				Rahman, Md Azizur	Bangladesh	C000125	Solid Waste & Fecal Sludge Recycled into Organic Fertilizer through Co-Composting in Rohingya Camps, Bangladesh
				GETAHUN, SAMUEL TENAW	South Africa	C000196	Fry-Drying of Sanitation Sludge for Biofuel Briquette Production