

Time	Session Number	Room	Session Title	Presenter (Family, First)	Nationality	Abstract No.	Presentation Title
10/23 13:30- 15:30	1-4	Buzz Hall	Sludge Characteristics & Reduction	Hong, Zhongwei	Taiwan	C000038	Evaluation of Sewage Sludge Recycling Potential in Taiwan: A Nationwide Composition Survey
				Kong, Zheng	Australia	C000034	Significant in situ sludge yield reduction in an acidic activated sludge system
				Imron, Muhammad Fauzul	Netherlands	C000069	In-Situ Sludge Reduction Performance by Introducing an Anaerobic Side-Stream Reactor into the Return Activated Sludge Line
				Shoji, Tadashi	Japan	C000190	Characterization of Domestic Sewage Sludges and Sludge-derived Products Using Dynamic Oxygen Uptake Rate Tests
	2-4	Room 1	Anaerobic Digestion IV: Process Stability & Optimization	Satoh, Hiroyasu	Japan	C000154	A Proposal for Reducing Sludge Production by Enhancing Sewer Self-Purification
				Hidaka, Taira	Japan	C000225	A review of sewage sludge digestion technologies in Japan: from technological evolution to global perspectives
				Haddad, Mathieu	France	C000052	Anaerobic Digestion intensification: Rethinking the sizing of municipal sludge digesters
				Wang, Xu	Japan	C000174	Evaluation of Ammonia Inhibition and Monitoring Indicators in Sewage Sludge Methane Fermentation
				Fujiwara, Masato	Japan	C000165	Mesophilic Anaerobic Digestion at short HRT with Concentrative Heating of Waste Activated Sludge
				Qin, Hao-Jie	China	C000164	Enhanced Methanogenic Performance of Anaerobic Membrane Bioreactor Treating Sewage Sludge under Caproic Acid Stress
	3-4	Room 2	Anaerobic Digestion V: Advanced Processes	Koch, Konrad	Germany	C000188	The dos and don'ts of BMP tests: A checklist
				Li, Junfu	Australia	C000136	SLUDGE PRE-TREATMENT CAN LEAD TO PATHOGEN REGROWTH IN MESOPHILIC AD
				Akimoto, Shinya	Japan	C000028	Pilot Scale Verification of In-situ Bio-methanation and Co-digestion of Waste Poly-lactic Acid Aming at Increasing Methane from Digesters in Wastewater Treatment Plants
				Wakasa, Takuto	Japan	C000171	Degradation of Antibiotics in Anaerobically Digested Sewage Sludge by Discharge Inside Bubbles
				TRAN, DUYEN PHUC HANH	Taiwan	C000091	Investigating sludge reduction and bio-energy recovery potential of conductive materials in anaerobic membrane bioreactors
				Kumagoe, Akira	Japan	C000161	Operational and Management Factors in Wastewater Treatment Plants Affecting the Efficiency of Anaerobic Digestion
	4-4	Room G	Resource Valorization IV: Fertilizers & Value-Added Products	Hashimoto, Yuji	Japan	C000148	Biogas Production Potential in Recovered Sludge from a Wave Type High-Rate MBR
				Alcaraz, Maegan Gwyneth Tecson	Philippines	C000144	The role of ionizing radiation on converting waste activated sludge to carbon source integrated to biofilm carriers for wastewater treatment
				Mujiyanti, Dwi Rasy	Taiwan	C000095	OPTIMIZING WWTP SLUDGE MANAGEMENT WITH MICROWAVE PLASMA TECHNOLOGY FOR SUSTAINABLE RESOURCE RECOVERY
				Ludorf, Jan Erik	Germany	C000119	Applicability of Dynamical Extinction Spectroscopy for Monitoring Magnesium Ammonium Phosphate Crystallization from Wastewater
	5-4	Room A	Innovations in Sludge Treatment	Yu, Dawei	China	C000111	A value-add resource recovery strategy of sludge phosphorus via green release and stepwise crystallization for LiFePO4 cathode material
				Xiong, Hao	Japan	C000237	Heavy Metals Removal and Phosphorus Recycling from Incinerated Sewage Sludge Ash (ISSA) for use as fertilizer
				Tian, Yichen	China	C000184	Evaluating Sludge Biochar for Membrane Fouling Control
				Di Capua, Francoesco	Italy	C000098	Combing 1-stage carbon and nutrient removal to near-zero sludge generation in an intermittently aerated integrated fixed-film activated sludge system within an oxio-settling-anaerobic cycle
				Riches, Stephen	UK	C000211	Advances in Hydrothermal Treatment of Wastewater Sludges
				Tomonari, Yuto	Japan	C000099	Report of Operation of a Sewage Sludge Incinerating Power Generation System at the Seibu Sludge Center in Sapporo City
	6-4	Room B	Biological Valorization: Converting Sludge to Chemicals	Ito, Masahiro	Japan	C000025	Effect of Phosphorus and Iron on Ash Adhesion at High Temperatures
				Hiroki, Naoi	Japan	C000151	Novel Methodology for Ash Sintering Evaluation by Liquid Phase Ratio of Thermodynamic Equilibrium Calculation in Sewage Sludge Incineration Plants
				Heo, Seongbong	Korea	C000060	Sustainable PHAs Production from Fermented Waste Activated Sludge by Integrated Enrichment and Accumulation in SBRs
				Kim, Suhyun	Korea	C000139	Effect of Inoculum to Substrate Ratio on Volatile Fatty Acid Profiles during Anaerobic Fermentation of Brewer's Spent Grains
				Zhou, Aijuan	China	C000081	Tailored value-added carboxylic acids conversion from waste activated sludge fermentation triggered by sulfate reduction-mediated syntrophic consortia
				Liu, Zhihong	China	C000082	Insights into the effect of nitrate photolysis on short-chain fatty acids production from waste activated sludge in anaerobic fermentation system: Performance and mechanisms
	7-4	Room C	Nitrogen & Sulfur and Energy Recovery	Zhang, Yan	China	C000109	Efficient membrane extraction of medium-chain fatty acids based on a stable interface modulated by Janus membrane
				Basri, Sadia	India	C000181	Sustainable Nanocomposite Films from Centrifuged Sewage Sludge-Derived Polymeric Substances: Preparation and Characterization
				Feng, Wanyi	China	C000071	Novel anammox granules formation from conventional activated sludge for municipal wastewater treatment through flocs management
				Zhao, Yang	China	C000072	Stable Anammox Pathway in a Pure Floc Sludge A2/O Reactor Treating Low COD/N Municipal Wastewater
				Zhang, Jingwen	China	C000039	Microbial niche differentiation and functional gene expression in granular and floc sludges of a hybrid PDA system for nitrogen removal
				Sotelo, Tiffany Joan	Philippines	C000138	Sulfide Degradation Behavior with Intermittent Flow for the Treatment of Sulfide-containing Streams
				Sun, Yizhu	Japan	C000150	Maximizing Energy Recovery from Sludge Using the High Load A/O-MBR Process
				Akao, Satoshi	Japan	C000200	Effects of Sewage Sludge Compost Amendment on Bacterial Community Structure and Function