

Orxata Poster Presentation Day
Wednesday 10/06 - First *semifinal* round

P001	7077715	Two-Stage Anaerobic Digestion Of Petrochemical Wastewater Using Separate Acidogenic And Methanogenic Digesters	Otieno, Benton (South Africa)
P002	7111492	Advanced Energy And Phosphorus Recovery Of Organic Sludge By The Integration Of A High-solid AnMBR And P/N/A Process	Guo, Guangze (Germany)
P003	7118311	Evaluation Of Enzymatic Pretreatment Strategies To Enhance Anaerobic Digestion Of Tomato	Ramos, Carlos (Spain)
P004	7121147	Biomethane Production From Organic Matter Recovered From Municipal Wastewater Using The High-rate Process With Coagulant	Sakurai, Kensuke (Japan)
P005	7121258	Combination Of Sludge Pretreatment And Smart Anaerobic Codigestion To Boost WWTPs Electrical Self-sufficiency	Vilaplana Artigas, Marcel (Spain)
P006	7122632	Biogas From Wet Manure: The Importance Of Prior Storage Time	Flotats, Xavier (Spain)
P007	7122686	Integrated Sludge Valorisation By A Sludge-derived Biochar-assisted Anaerobic Membrane Bioreactor (AnMBR) Coupled To Hyd	Bardi, Mohammad (Germany)
P008	7124024	Effects Of Water Pressure And Digestate Viscosity On Hydrogen Conversion Efficiency In In-situ Biomethanation Of Sewage	Tsubota, Jun (Japan)
P009	7124180	Bioelectrochemical Anaerobic Digestion: Insights Into Electrode Materials, Reactor Configurations, And Process Design	Jiang, Daqian (United States)
P010	7124193	Integrated Leaching-Hydrochar Strategy To Enhance Anaerobic Digestion Of Chicken Manure	Alba Reyes, Yasmin (Korea, Republic of)
P011	7124237	Decentralized Anaerobic Digestion For Wastewater And Fish-Processing Waste Management In Coastal Bangladesh	Hossain, Shaikh (Bangladesh)
P012	7128344	Resources Recovery From Piggery Wastewaters	Cervantes, Francisco J. (Mexico)
P013	7128521	Coupled Anaerobic Fermentation And Rhodospseudomonas Palustris-based CO2 Utilization For Biogenic Resource Recovery	Fan, Chihhao (Chinese Taipei)
P014	7128534	The Implications Of Management Practices On Life Cycle Greenhouse Gas Emissions In Biogas Production	Lehtoranta, Suví (Finland)
P015	7128673	Climate Change Adaptation Strategies Of Wastewater Treatment Plants In Jeju Island (South Korea)	Kim, Jinkeun (Korea, Republic of)
P016	7128730	Dynamic Two-phase Anaerobic Digestion Biorefineries: An Investigation Of Technical And Economic Feasibility	Wall, David (Ireland)
P017	7129306	Evaluation And Regression Analysis Of Methane Yield In Anaerobic Digestion Integrated With Microbial Electrolysis Cell	Aketagawa, Kyohei (Japan)
P018	7129465	Anaerobic Digestion Of Bioplastics In Food Waste	Demirel, Burak (Türkiye)
P019	7129570	Nutrient Concentration And Recovery From AnMBR Effluent Via Electrodialysis, Crystallisation And Membrane Contactors	Hernández-Cuenca, Silvia (Spain)
P020	7129715	Kinetic Modelling And Optimization Of H2 Production Under Varying Organic Loads And Cassava Wastewater - Glycerol Ratio	Devens, Kauanna Uyara (Brazil)
P021	7129716	Maximizing H2 And CH4 Via Co-digestion Of Industrial By-products In A Leach-bed Anaerobic Reactor	Ribeiro, Alexandre Rodrigues (Brazil)
P022	7129828	Hydrothermal Pre-treatment Of PBAT And PBS For Enhanced Anaerobic Digestion And Biogas Production	Kang, JeongHee (Korea, Republic of)
P023	7129904	A Holistic Batch-to-pilot-scale Study Of Thermally Enhanced Codigestion Of Sugar Industry Waste And OFMSW	Talreja, Nidhi Chhabra (India)
P024	7130130	The Dos And Don'ts Of BMP Tests: A Checklist	Koch, Konrad (Germany)
P025	7130193	Microwave-assisted Organosolv Pretreatment For Enhanced Lignin And Biogas Recovery From Poplar Wood Residues	Amini, Ghazaleh (Canada)
P026	7130229	Phosphate Recovery From Anaerobic Digestate Using Magnetite-coated Mobile Carriers	Mahmood, Maheen (United States)
P027	7130287	Microbial Removal During Electrocoagulation Of Anaerobically-treated Urban Wastewater	Ahamed, M Masoor (India)
P028	7130321	Gas Permeable Membranes For Volatile Fatty Acid Recovery: Effect Of PH	Molinuevo Salces, Beatriz (Spain)
P029	7130349	Use Of Sustainable Iron Containing Materials For Hydrogen Sulphide Control In Anaerobic Digestion Of Food Waste	Vuori, Vesa (Finland)
P030	7130431	Co-cultivation Of Clostridium Beijerinckii with Geobacter Sulfurreducens enhances acetone production in ABE fermentation	Silvestre, Carlos (Spain)
P031	7130440	Optimizing VFA Production From Vegetable Waste: Effect Of Temperature And Substrate To Biomass Ratio	Molinuevo Salces, Beatriz (Spain)
P032	7130802	Circular Solutions For Waste-to-energy: Biomethane Potential Of Microwave Assisted HTC From Waste Biomass	Aragon, Christian (Spain)
P033	7130906	Valorisation Of Digestate From Low-tech Digester Treating Coffee Waste	Jaramillo Hurtado, Juliana (Spain)
P034	7130939	Nitrogen Recovery From Digestate Using Gas-permeable Membranes: Process Performance, Fouling And By-product Quality	Molinuevo Salces, Beatriz (Spain)
P035	7131011	Carbon Nanomaterials As Drivers Of Enhanced Methanogenesis	Feijoo, Helena (Netherlands)
P036	7131292	Mechanistic Elucidation Of Anaerobic Digestion Instability Guided By MDIEW-driven Indicator Screening	Li, Yu-You (Japan)
P037	7131334	Effect Of Caproic-acid Presence On Anaerobic Membrane Bioreactor Treating Sewage Sludge	Qin, Yu (Japan)
P038	7131350	Evaluation Of Ionic Liquid Potential For Selective Absorption Of Carbon Dioxide From Biogas	Dong, Dandan (Korea, Republic of)
P039	7131434	Metagenomic Study Of A Two-Stage Lactate-Driven Dark Fermentation Process For Food Waste Valorisation	Martínez Fraile, Cristina (Spain)
P040	7131559	Biogas Production Exclusively From OLIVE POMACE	Escudero, Ruben (Spain)
P041	7131589	Ammonia As A Selective Force Shaping Microbial Consortia In Organic Waste Anaerobic Digestion	Francescato, Luca (Italy)
P042	7131632	Anaerobic Co-digestion Of Winery Wastewater And Activated Sludge: Batch And Semi-continuous Operational Performance	Rodrigues, Pedro (Portugal)
P043	7131701	Granular Activated Carbon In A Hybrid Anaerobic Reactor Is Key To Mitigating Antibiotic Toxicity In Wastewater	Damianovic, Márcia (Brazil)
P044	7131762	Electrochemical Oxidation To Support Dark Fermentation -- Preliminary Data	Latowski, Robert (Poland)
P045	7131800	Techno-economic And Environmental Assessment Of HTC-AD Co-treatment For Sewage Sludge And MSW	Pagés Díaz, Jhosané (Chile)

P046	7131913	Acidogenic Co-fermentation Of Swine Manure And Seaweed For Biohydrogen And Volatile Fatty Acids (VFAs) Production	Pagés Díaz, Jhosané (Chile)
P047	7131927	Assessing The Effect Of Storage Conditions On The BioCH ₄ Production Of Winery By-products Under Mono- And Co-digestion	Faria, Ana Catarina (Portugal)
P048	7132257	Effectiveness Of Nanoscale Zero Valent Iron In Semi-continuous Anaerobic Digestion Under Dynamic Substrate Conditions	Moyano Domínguez, David (Spain)
P049	7132439	Mechanistic Insights Into DIET-Driven Methanogenesis Enhanced By Conductive Material Using Machine-Learning Analysis	Lee, Sang-Hoon (Korea, Republic of)
P050	7133052	Performance And Microbial Response Of Granular Magnetite In Direct Interspecies Electron Transfer-Driven Methanogenesis	Lee, Sang-Hoon (Korea, Republic of)
P051	7133089	Enhancing Hydrogen Production From Cheese Whey Through Microbial Synergy And Inoculum Design In Continuous Fermentation	Barrales-Ordoñez, Denise (Mexico)
P052	7133147	Environmental Filtering Selects Metabolic Modules In Anaerobic Digestion Consortia	Gu, Wenyu (Switzerland)
P053	7133283	Evaluating Stickland, Syntrophic, And Alternative Amino-acid Degradation Pathways In Enrichment Cultures	Gu, Wenyu (Switzerland)
P054	7133296	Strategic Pretreatment Of Cattle Manure Couples Enhanced P Recovery Potential With Maximized Anaerobic Methanogenesis	Yin, Zhixuan (China)
P055	7133465	CAMELLIA®: Enhancing Biosolid Safety And Energy Efficiency Via Advanced Anaerobic Digestion	Rivadulla, Matias (Spain)
P056	7134098	STUDY OF DNA SEQUENCING-BASED MICROORGANISM MONITORING TECHNIQUES IN DARK FERMENTATION SYSTEMS	Chango, Ana (Mexico)
P057	7134109	Semi-continuous Operation Selectively Enriches DIET-active Microbial Communities For High-rate Of Methanogenesis	Lee, Sang-Hoon (Korea, Republic of)
P058	7134164	Enhancing Anaerobic Degradation Process Of Acetone In Wastewater Using 2-propanol-activated Granular Sludge UASB System	Kazuaki, Syutsubo (Japan)
P059	7134171	Turning Sludge Into Opportunity: Safe And Sustainable Valorization	García Pérez, Jorge (Spain)
P060	7134189	Sustainable Valorization Of Organic Wastes: Enhanced Medium-Chain Fatty Acids Production Via Fixed-Bed Biofilm Reactors	Crognale, Simona (Italy)
P061	7134203	Ectoine Production Through Bioconversion Of Biogenic CH ₄ From A Biogas Plant	Aragon, Christian (Spain)
P062	7134424	Pretreatment Effects On Membrane-based Nutrients Recovery From Agricultural Digestate: TRL7 Validation	Botzonella, David (Italy)
P063	7134452	Anaerobic Treatment Efficiency Of Inhibitory Industrial Wastewater In Bench-scale SGBR System	Ellis, Timothy (United States)
P064	7134569	Machine Learning Modelling Of Biogas Production And Methane Yield Prediction In Anaerobic Co-digestion Process	Elsayed, Ahmed (Canada)
P065	7134570	Pre-treatment Influence On Biogas Production From Aerobic Granular And Waste Activated Sludge	Elsayed, Ahmed (Canada)
P066	7134572	The Secret Recipe Of Machine Learning In Anaerobic Digestion: A Framework For Process Prediction And Optimization	Elsayed, Ahmed (Canada)
P067	7134603	Challenging The Retention Time Of Mesophilic Anaerobic Digestion Of Municipal Sludge With Thermal Hydrolysis	Barber, William (United States)
P068	7134705	Conversion Of CO ₂ And H ₂ To Short-chain Carboxylic Acids In Trickle Bed Reactors	Feng, Lu (Norway)
P069	7134759	Cost-effective High-rate Anaerobic Treatment With External Printed Separators	Hendrickx, Tim (Netherlands)
P070	7134888	The Carbon Footprint Of Making And Using Biogas From Municipal Sludge Anaerobic Digestion	Barber, William (United States)
P071	7134904	Exploring Energy And Resource Recovery Potentials From Waste Cattle Paunch	Rebosura, Mario Jr (Australia)
P072	7134988	High-rate Thermophilic Caproate Production In A Continuous Reactor System	Vandenbergh, Simon (Belgium)
P073	7135061	Determination Of The Ideal And Unique Size For Septic Tanks Used In Rural Communities	Tonetti, Adriano Luiz (Brazil)
P074	7135066	Using Spatial Analysis Tools To Support The Planning Of Sanitation Systems In Rural Areas	Tonetti, Adriano Luiz (Brazil)
P075	7135087	Impact Of Zero-Valent Iron Concentration On Methane Purity And Stability In Anaerobic Digestion Of OFMSW	Villamil, John (Spain)
P076	7135108	Enhancing Lignocellulosic Anaerobic Digestion And Humic Substances Formation Via Intermittent Microaeration	Jin, Zhen (China)
P077	7135162	Suitability Of Sludge Dewatering Effluent As A Liquid Medium In A Trickle-bed Reactor For Mesophilic Bio-methanation	Kobisk, Kara (Austria)
P078	7135246	Energetic Assessment Of Anaerobic Co-digestion Of Vinasse And Alternative Substrates For Year-round Biogas In Sugarcane	Volpi, Maria Paula Cardeal (Brazil)
P079	7135271	Effect Of Char Addition On Inhibition Resilience And Stability In Anaerobic Digestion Of Sewage Sludge	Eaysmine, Shamima (Australia)
P080	7135371	Study Of The Degradation Of Synthetic And Natural Microfibres During The Anaerobic Digestion Process	Domínguez-Rodríguez, Ana (Spain)
P081	7135634	Long-term Study Of Volatile Fatty Acid Production From Pulp And Paper Sludge And Food Waste	Owusu-Agyeman, Isaac (Sweden)
P082	7135665	Towards Stable Microaerated Anaerobic Digestion: Adaptive Multivariable Predictive Control For Biogas And VFA Management	Lindeboom, Ralph (Netherlands)
P083	7145749	Microbiota Dynamics In Anaerobic Systems: Focus On Substrate And System Configuration	Callejas, Cecilia (Uruguay)
P084	7135703	The Effect Of Anaerobic Digestion On Concentrations Of Herbicides Clopyralid, Aminopyralid And Glyphosate	Tampio, Eina (Finland)
P085	7135710	Can Photosynthetic Biogas Upgrading Be Upgraded? Olive-mill-wastewater Based Biostimulants To Increase Biogas Value	Vargas-Estrada, Laura (Spain)
P086	7135717	Metabolic Modelling Of The Syntrophic Propionate Oxidation Community	Yeghiazaryan, Sahak (France)
P087	7136738	Directing The OFMSW Water-soluble Fraction Toward Ethanol For Enhanced Methane Production	Morgado-León, Fabiany (Mexico)
P088	7136742	Hydrolysis Of Organic Solid Waste Through Temperature-varied Fermentation To Boost Methane Production	Jojoa-Unigarro, German-Dimitriv (Mexico)
P089	7136748	Calcium Oxide Increases Methane Yield Of Straw And Manure In Leach-bed Reactors	Alves Lourenço, Vitor (Brazil)
P090	7136776	Valorization Of Ammonia In Digestate Via Ion Exchange Coupled With Electrochemical Hydrogen Production	Kang, Sungwon (Korea, Republic of)
P091	7136798	Metabolic Constraints In Psychrophilic Anaerobic Digestion: Insights Into VFAs Degradation And Butyrate Inhibition	Zhou, Hui (Spain)
P092	7136840	Small-scale Cryogenic Biogas Upgrading: Performance Assessment And Operational Challenges	Akyol, Çağrı (Belgium)

P093	7136847	Quantifying Coagulant Effects On Sludge Digestion: From BMP Tests To A Calibration-driven ADM1 Approach	Solon, Kimberly (Belgium)
P094	7138206	Modelling Tools To Understand The Enhanced Biomethane Production With Hydrogen Addition	López, Iván (Uruguay)
P095	7143732	Evaluation Of The Inhibitory Effect Of Limonene On Hydrogen And Methane Production From Fruit And Vegetable Waste	Sanchez Valeriano, Noemí (Mexico)
P096	7143735	A Novel Vernadite-doped Xerogel Enhances The Anaerobic Treatment Of Slaughterhouse Wastewater	Díaz-Muñiz, Christopher Alejandro (Mexico)
P097	7143767	Valorizing OFMSW For Biohydrogen Production: A Comparative Assessment Of Microwave And Ozone Pretreatment Efficacies	Gull, Umair (India)
P098	7143773	Synergistic Effect Of Microwave Pretreatment And Microbial Electrolysis Cell On Anaerobic Digestion	Choi, Da Hee (Korea, Republic of)
P099	7143778	Construction Of A Self-sustaining Chain Elongation Platform Using Fruit And Vegetable Waste As Substrate	Wang, Qingyan (China)
P100	7143780	The Inhibitory Effects Of Volatile Tar Compounds In Syngas Co-digestion: Insights Into Acidogenic Glucose Fermentation	Amiri, Roanak (Italy)
P101	7143806	Techno-economic Assessment And Scenario Analysis Of Biological Hydrogen Methanation In An Italian WWTP	Giuliano, Antonio (Italy)
P102	7143831	Coagulants For Primary Wastewater Treatment: Influence On Sludge Digestibility, Methane Production And Micropollutants	Cainglet, Annaliza (Finland)
P103	7143839	Effect Of Thermophilic Anaerobic Digestion On The Microbiological Quality Of Treated Urban Sludge	Mosteo, Rosa (Spain)
P104	7143859	Two Stage Anaerobic Digestion For Enhanced Methane Production In WWTP	Lafita, Carlos (Spain)
P105	7143869	Fertiliser Product Recovery From Secondary Raw Materials Using Best Available Techniques	Tampio, Elina (Finland)
P106	7143890	Methane Production Potential Of The Liquid Fraction From Hydrothermal Carbonization Of A Food Industry Side-stream	Vainio, Markku (Finland)
P107	7143959	Optimization Of Bio-hydrogen Production By Dark Fermentation Of Hydrothermally Hydrolysed Brewer's Spent Grain	dos Santos, Andre (Brazil)
P108	7143962	Enhancing Biohydrogen Production From Dark Fermentation Of Fruit And Vegetable Waste Through Ultrasonic Pre-treatment	Santos, Andre (Brazil)
P109	7143965	Optimizing Dark Fermentation Of Residual Glycerol For Biohydrogen Production Using Response Surface Methodology	Santos, Andre (Brazil)
P110	7144010	Resilience And Resistant Of Anaerobic Granular Sludge Under Different Dehydration Approaches	Liu, Yang (Australia)
P111	7144021	Enhancing CO2 Mitigation And Photosynthetic Efficiency In Microalgae-bacteria Co-cultivation For Biomineralization	Yu, Hyeonjung (Korea, Republic of)
P112	7144028	Ex-situ Biomethanation In The Trickle Bed Reactor: A Robust System As A Component For An Energy-self-sufficient Wastewat	Wenzel, Christian (Germany)
P113	7144033	Application Of Transfer Learning To Full-scale Anaerobic Reactor Datasets	Kim, Min-sang (Korea, Republic of)
P114	7144059	Unravelling Adhesive And Planktonic Microbial Contributions To Anaerobic Digestion Of Lignocellulosic Biomass	Liu, Guangqing (China)
P115	7144092	Scalable Biorefinery Platforms For Biowaste Valorisation: Insights From The CircSyst Demonstrators	Serra, Elvira (United Kingdom)
P116	7144111	Determination Of Kinetics Parameters For Biomethanation Using A Pressurised Reactor	Kosaki, Yasunori (Japan)
P117	7144150	New Insights On Micro-aeration For Anaerobic Digestion: The Role Of Metals On Biogas Desulfurization	Romero, Adrian (United States)
P118	7144172	Two-Stage Fermentation Of Food Waste For Single Cell Oil Production By Oleaginous Yeasts	Duber, Anna (Poland)
P119	7144199	Fuels-C: Accelerating Advanced Biofuels From Biogenic Residues For A Cleaner Transport Future	Serra, Elvira (United Kingdom)
P120	7144223	Co-digesting Waste Sludge With Microalgae Grown Of Digestate To Boost Biomethane Production	Ficara, Elena (Italy)
P121	7144227	Analysis Of LAS Removal And Microbial Dynamics In Microaerated Anaerobic Systems With Different Co-substrates	Santos, Andre (Brazil)
P122	7144257	Performance Of A Hybrid Uplow Anaerobic Sludge Blanket Reactor Treating Coffee Wastewater In Colombia	Rodríguez Chaparro, Tatiana (Colombia)
P123	7144263	Advancing In Situ Biomethanation Via Combined Hydrogen Feeding And Targeted Methanogenic Bioaugmentation	Dzofou Ngoumelah, Daniel (Germany)
P124	7144272	Use Of Metallic Catalysts For Amoxicillin Degradation In Anaerobic Reactors	Mares, Javier (Mexico)
P125	7144328	Solid State Fermentation Combined With Bioelectrochemically Enhanced Anaerobic Digestion For Methane From Food Waste	Hussain, Abid (Canada)
P126	7144334	Production Of Medium-chain Carboxylic Acids From Waste Activated Sludge In Co-digestion With Food Waste	Carrillo-Machado, Ena (Mexico)
P127	7144368	Magnetic Biochar Combined With Digestate Bioaugmentation Synergistically Accelerates Recovery Of Collapsed AD System	Xing, Bao-Shan (China)
P128	7144377	Fundamental Assessment Of Application Opportunities For Biological Methanation At Municipal Wastewater Treatment Plants	Wenzel, Christian (Germany)
P129	7144381	Enhancing Anaerobic Digestion Of Lignocellulosic Biomass Via Natural Deep Eutectic Solvent Pretreatment	Bae, Suye (Korea, Republic of)
P130	7144383	Utilising Pine Bark In Acid Fermentation	Vainio, Markku (Finland)
P131	7144457	Stimulation Of Diuron Anaerobic Biodegradation Under Long-term Cultivation And Stressful Conditions	Bucci, Luca (Belgium)
P132	7144500	Closing The Loop Of Organic Waste Valorisation By Integrating Anaerobic Digestion And Pyrolysis Products	García-Prats, Marta (Spain)
P133	7144503	Energy Recovery In The Chemical Process Industry	Schreiber, Lara (Germany)
P134	7144524	Impacts Of Direct Digestate Recirculation And Microaeration On Full-scale Biogas Plant	Liu, Yuchen (Ireland)
P135	7144549	Substance Flow Analysis Of Nitrogen Circularity In On-farm Anaerobic Digestion: Assessing Fertilization Autonomy	Amsaguine, Salma (France)
P136	7144591	Integrating Anaerobic Digestion With Pyrolysis Of Digestate For Maximized Energy Recovery	Ashraf, Muhammad Tahir (Denmark)
P137	7144609	Pilot-scale Test Plant For Coupling Anaerobic Digestion And Catalytic Methanation Of CO2 From Biogas And Green Hydrogen	Uellendahl, Hinrich (Germany)
P138	7144616	Carbon Felt-Induced Direct Interspecies Electron Transfer (DIET) In AnMBR: Effects On Methane Production And Fouling	Castilho, Thalita (Brazil)
P139	7144619	Conductive Materials In Anaerobic Digestion: A Promising Strategy For Emerging Pollutant Removal	Castilho, Thalita (Brazil)

P140	7144624	Waste To Wealth: A Model Of Integrated Co-Composting For Sustainable Waste Management System	Roy, Proshanto Ranjan Sharma (Bangladesh)
P141	7144637	Effects Of Pretreatments On Low-Temperature Anaerobic Digestion Of Apple Pomace	Rajagopal, Rajinikanth (Canada)
P142	7144639	Characteristics Of Decentralized Sanitation Wastes And Their Potential As A Biogas Feedstock	Ervasti, Satu (Finland)
P143	7144660	Coupling Of Dark Fermentation And Microbial Electrolysis For Propionate-Enriched Effluent Valorisation From Food Waste	Braga-Nan, Lucia (France)
P144	7144690	Enrichment And Isolation Of An Uncultured Taxonomic Group Within The Phylum Synergistota From Anaerobic Sludge	Arai, Yuma (Japan)
P145	7144693	Integrated Anaerobic Digestion Of Microalgal Biomass Coupled With A Photobioreactor For Biogas Upgrading	Fuentes Zamorano, Jesús Marcelo (Spain)
P146	7144701	Waste To Energy: Enhancing Biomethane Yields Of Raw And Secondary Seafood Process Residues In A Biorefinery Approach	Fatone, Francesco (Italy)
P147	7144728	Downflow Hanging Sponge-Immobilized Bamboo Biochar (DHS-IBC) System: A Potential Enhanced Nutrient Removal System For Aquaculture Wastewater Treatment	samathi, wandana (Japan)
P148	7144740	Anaerobic Degradation Of Organics Over Time In A Deep Geological Waste Repository	Warthmann, Rolf (Switzerland)
P149	7144743	Dark Fermentation Of Hydrolyzed Residual Fraction Of Municipal Solid Waste: Insights From Batch And Semicontinuous Trial	Muñoz Muñoz, Alexander (Spain)
P150	7144745	From Sewage Sludge To High-Value VFAs: Acidogenic Fermentation With Ethanol, Lactic Acid And Food Industry Residues	Martinez, Lydia (Spain)
P151	7144746	Exploring The Potential Of High-Rate Thermophilic Anaerobic Co-Digestion For Achieving Energy-Neutral Sewage Treatment	Stránský, Dominik (Czech Republic)
P152	7144747	The COD/SO4-2 Ratio Effect On Hydrogen Production From The Co-digestion Of Vinasne And Molasses In An AFBR	Amorim, Eduardo (Brazil)
P153	7144775	Phosphorus Recovery From Wastewater: A Lumped-kinetic Approach Using UV/H2O2	Santiviago, Claudia (Uruguay)
P154	7144777	Assessing Microplastic Stability And Temperature-Dependent Methane Generation In Anaerobic Treatment Of Domestic Sludge	Herrera León, Elvira (Spain)
P155	7144792	Energy Recovery From Microalgae Grown On Anaerobic Membrane Bioreactor Permeate: A Life Cycle Assessment	Cengiz, Ali Izzet (Türkiye)
P156	7144793	In-situ Biogas Upgrading By Biochar Addition: Potential And Limitation Of Increasing Biochar Concentration	Marone, Antonella (Italy)
P157	7144802	Optimal ADM1 Calibration For Predicting Anaerobic Co-digestion Of Food And Agro-zootechnical Wastes	Catenacci, Arianna (Italy)
P158	7144804	Mechanisms Of Amino Acids Conversion To Volatile Fatty Acids In Anaerobic Digestion	Chen, Chang (China)
P159	7144816	Nitrogen Valorization In Anaerobic Digestion Systems Via NH3 Fermentation	Mohit, Mohamadali (Korea, Republic of)
P160	7144821	Anaerobic Digestion Of Sewage Sludge And Food Waste At Low Temperature: Kinetics And Fluorescence Properties	Alcaraz-Ibarra, Sergio (Mexico)
P161	7144823	Operational Performance Of A Full-Scale Mesophilic Dry Anaerobic Digestion Plant Treating OFMSW	Övez, Serra Selin (Türkiye)
P162	7144853	Impact Of Pressure On Key Parameters For In-situ Biomethanation	Torrecilla del Rey, Alberto (Spain)
P163	7144860	Natural Sediment Inocula Enhance Anaerobic Co-digestion Of Sewage Sludge And Landfill Leachate	Azarmanesh, Reza (Canada)
P164	7144862	Boosting Biomethanation Under Pressurized Conditions For High-efficiency In-situ Biogas Upgrading	Torrecilla del Rey, Alberto (Spain)
P165	7144865	Aniline Recalcitrance To Anaerobic Degradation In A Phenol-degrading Membrane Bioreactor Under Saline Conditions	Garcia Rea, Victor Servando (Netherlands)
P166	7144877	Digestate Valorization In Swine Production: An Uncertainty Based Life Cycle Assessment Of Solid And Liquid Pathways	Kunz, Airtion (Brazil)
P167	7144880	Unlocking High-Rate Anaerobic Digestion: Overcoming Free Ammonia Inhibition Through Osmoprotectant Supplementation	Chukwuekezie, Nnenna (United Kingdom)
P168	7144885	Iron-doped Protein Nanofiber Additives Improve Anaerobic Digestion Performance	Shirazi, Romina (Canada)
P169	7144905	Waste Valorization From Recovered Food Processing Solids For Anaerobic Digestion	Aziz, Rafan (United States)
P170	7144907	Pre-treatment Process Optimization And Strain Selection For Microalgae Cultivation In Food Waste Liquid Fraction	Shang, Qingyu (China)
P171	7144912	Froth-filled Reactor: A Novel Biomethanation Reactor For Achieving Higher-loading Operation	Ding, Hanhan (Japan)
P172	7144915	Towards Carbon-Neutral WWTPs: Optimizing THP-Enhanced Anaerobic Co-digestion	Ahn, Sunghoon (Korea, Republic of)
P173	7144921	Lysozyme-based Thermo-enzymatic Pretreatment Improves Sludge Solubilization And Anaerobic Digestion Performance	Shirazi, Romina (Canada)
P174	7144926	Beyond Conductive Materials: Advancing High-rate Anaerobic Digestion Through Microbial Hydrogel Immobilization	Chan, Stella (Japan)
P175	7144929	Magnette Breaks The Propionate Bottleneck And Drives Methane Production Under Changing Butyrate And Propionate Ratios	Jeon, Yun-Ju (Korea, Republic of)
P176	7144935	Anaerobic Digestate Derived Biochar As Conductive Material For Enhanced Biomethane	R, Ghurupreya (India)
P177	7144936	Biogas Transitions In East Africa Low-income Settlements: From Feedstock To Finance	Adam, wini (France)
P178	7144942	Phosphorus Recovery From Blackwater Via Calcium Addition Under Thermophilic Anaerobic Conditions	Matavo, Melissa (Netherlands)
P179	7144945	Electric Field Generated By Open-circuit Physically Promotes Proton-coupled Electron Transfer To Enhance Methanogenesis	Yu, Qilin (China)
P180	7144946	Benchmarking Of 12 Anaerobic Digestion Models For A Selection Framework Based On Accuracy And Computational Cost	Tarrega, María Jose (Spain)
P181	7144955	Controlling Sewer Methane Via Hydraulic Retention Time In Sewers Receiving Food Waste	Mohit, Mohamadali (Korea, Republic of)
P182	7144958	Influence Of Sponge Microenvironments On Nitrification In Down-flow Hanging Sponge Reactor	Watarai, Takahiro (Japan)
P183	7144962	Fe@C Drives Ferredoxin Dependent Electron Bifurcation And Microbial Interaction To Promote Carbon And Sulfur Metabolism	Xie, Li (China)
P184	7144963	Polyhydroxyalkanoates Production Using Biowaste Fermentation Liquids With Controlled Nitrogen Content	Dosta, Joan (Spain)
P185	7144967	Metagenomic Insights On Microbial Adaptation And Syntrophic Restructuring During Sludge And Pig Manure Co-digestion	Tarrega, María Jose (Spain)
P186	7144970	Bioaugmentation For Targeted Volatile Fatty Acid Production In Anaerobic Fermentation Of Household Waste Streams	Q. Lobo, Leonor (Sweden)

P187	7144983	Modelling Biopolymer PHBV Biodegradation And Particle Size Evolution During Mesophilic Anaerobic Digestion	Olaya-Rincon, Mario (Spain)
P188	7145001	Life Cycle And Sustainability Assessment Of Biohydrogen Production Using Agricultural, Industrial, And MSW Feedstock	Machhirake, Nitesh (India)
P189	7145004	Nitrogen Removal Of Anammox Biofilter Treating Low-Ammonia Wastewater At Low Hydraulic Retention Time And Temperature	Zhou, Xiaohua (China)
P190	7145005	Evaluating Anaerobic Digestion Strategies For Cigarette Butt Valorization: A Life Cycle Approach	Lourebam, Nongdren (India)
P191	7145006	Revisiting System Boundary Definitions In Tier 2 Methane Emission Estimation For Korean Wastewater Treatment Plants	Kim, Dong-Hoon (Korea, Republic of)
P192	7145010	Integration Of Gas-permeable Membranes In Acidogenic Fermenters For Ammonia Recovery And Volatile Fatty Acids Production	Serra i Toro, Andreu (Spain)
P193	7145013	Anaerobic Co-digestion Of Fat, Oil, And Grease And Wastewater Algae From Three Wastewater Treatment Configurations	Bai, Xue (Australia)
P194	7145020	Evaluation Of Trace Element Deprivation Effects On Process Performance In Trickle Bed Reactors For Biomethanation	Niebauer, Xaver (Germany)
P195	7145023	A Comparative Life Cycle Assessment Of Anaerobic Mono-and Co-digestion Of Chicken Manure	Lay, Chyi-How (Chinese Taipei)
P196	7145030	Enhanced Continuous Bio-H ₂ Production By The Bioaugmentation Of Electroactive Hydrogen-producing Bacteria	KIM, Sang-Hyoun (Korea, Republic of)
P197	7145034	Optimizing Energy Valorization Of Primary Sludge	Jenicek, Pavel (Czech Republic)
P198	7145036	Prospective Life Cycle Inventory Modelling Approaches For Carboxylic Acid Production From Organic Wastes	Cerdán-Morillo, José Manuel Alejandro (Brazil)
P199	7145039	Continuous Hydrogen Production In A DMBR Using Clostridium Pasteurianum	Kim, Sang-Hyoun (Korea, Republic of)
P200	7145042	Continuous Bio-H ₂ Production And Granule Formation Using Biochar And Clostridium Pasteurianum Augmentation	Kim, Sang-Hyoun (Korea, Republic of)
P201	7145044	Start-up And Operation Of Sulphidogenic Reactor With Methanogenic Seed Material Using COD/SO ₄ ²⁻ Ratio And H ₂ S As Control	Lyu, Xingzhou (Netherlands)
P202	7145064	High-Rate Contact Stabilization For Enhanced Carbon Recovery: Influence On Biogas Production And Plant Emissions	PeSENTI, Marco (Italy)
P203	7145069	Integrated Process For The Management And Valorization Of Slaughterhouse Wastewater Via Anaerobic Digestion	Castro, Liliana (Colombia)
P204	7145090	Rumen Peristalsis-Inspired Biomimetic Mixing Technology For Lab-Scale Anaerobic Digestion: A Soft-Robot-Driven Approach	Wang, Yanqi (China)
P205	7145098	Two-Stage Cheese Whey Biorefinery With Anaerobic Granular Sludge: K. Marxianus Ethanol And Micro-ZVI-Enhanced Caproate	Vyrides, Ioannis (Cyprus)
P206	7145102	Food Waste Anaerobic Digestion In The Circular Economy: Bibliometric Analysis And Topic Modelling	José M. A. Cerdán-Morillo (Brazil)
P207	7145107	Psychrophilic Digestate-driven Soil Recovery: Linking Digestate Composition To Organic Matter And Microbes	Castro, Liliana (Italy)
P208	7145109	Biogenic CO ₂ Valorization Through Biological Methanation From Enriched Anaerobic Digestion Sludges	Cimon, Marc-Antoine (Canada)
P209	7145114	Mitigation Of Terpene-Induced Inhibition In Anaerobic Digestion Of Citrus Waste Via Clostridium Dark Fermentation	Park, Jeong-Hoon (Korea, Republic of)
P210	7145119	Enhanced Deep Learning Prediction Models For Anaerobic Treatment In Municipal Wastewater	Ji, Jiayuan (Japan)
P211	7145128	Converting Acid Whey Into Medium-Chain Carboxylic Acids: Insights From A Pilot-Scale UASB Reactor Trial	Danielewski, Bartosz (Poland)
P212	7145131	Boosting In Situ Biogas To Biomethane Conversion Via Microbial Electrolysis Cells: Comparative Strategies And Insights	Marone, Antonella (Italy)
P213	7145139	Combined Acidification-Drying Process To Enhance Digestate Agronomic Valorization	Jimenez, Julie (France)
P214	7145151	Co-Evolution Of Bacteria And Archaea Communities During In-situ Biomethanation Process	Lembo, Giuseppe (Italy)
P215	7145153	Pretreatment Of Waste Activated Sludge By A Rotational Generator Of Hydraulic Shock	Kolbl Repinc, Sabina (Slovenia)
P216	7145163	Improving Hydrogen Production From Primary Sludge Via Enzymatic Treatment In Dark Fermentation	Voßschmidt, David (Germany)
P217	7145164	AD Of Lipid-rich WW At Small-scale: Use Of Saponification As Pre-treatment Upstream Of An Anaerobic Baffled Reactor	boutros, théo (Belgium)
P218	7145172	Towards Sustainable Fertilizer Production: PN-Anammox And Struvite-Based Resource Recovery In WWTPs	Rivadulla, Matias (Spain)
P219	7145174	Anaerobic Technologies For High-Strength Biofuel Production Wastewater Treatment And Biogas Upgrading: A Case Study	Shang, Ran (Netherlands)
P220	7145176	Anaerobic Digestion Modeling Framework For Agricultural Waste To Low-Carbon Hydrogen Production	Iman Shayan, Sahand (United States)
P221	7145182	Quantifying Biochemical Methane Potential And On-Farm Methane Emissions From Québec Dairy Farms	Pillai, Resmi (Canada)
P222	7145193	Performance Of TiO ₂ -incorporated Polysulfone Membrane In AnMBR Treating Thermally Pretreated Sludge And Dairy Wastewater	Cavdar, Beril (Türkiye)
P223	7145216	Separation Of Nutrients From Liquid Digestates With Final Potassium Recovery By Ion Exchange Resins	Mendoza Roca, José Antonio (Spain)
P224	7145221	Converting Agricultural Waste Into Bioenergy Products Through Hyperthermophilic Hydrolysis	Gilroyed, Brandon (Canada)
P225	7145509	Steering Acidogenic Fermentation Using Conductivity Control	González-Fernández, Cristina (Spain)

Friday 13/06

Final round