

## Summer School on Wastewater and Biosolids Management (WWSS19)

Monday 22 July

### POSTER SESSION I

15:00-15:10	Valorization and minimization of solid and liquid Agro-industrial wastes: Acidogenesis and Esterification for biofuel applications.	K. Boura, A. Dima, A. A. Koutinas, A. Bekatorou, M. Kanellaki (University of Patras-Department of Chemistry)
15:10-15:20	Biogas production aspects in various full-scale anaerobic digestion configurations treating cheese whey.	V. Bazoukis, N. Remmas, P. Melidis, S. Ntougias (Democritus University of Thrace-Department of Environmental Engineering, Hellenic Open University-School of Science and Technology)
15:20-15:30	Effects of co-digested agro-industrial residues mixtures in full-scale anaerobic system configurations.	I. Ntoulas, N. Remmas, S. Ntougias (Democritus University of Thrace-Department of Environmental Engineering, Hellenic Open University-School of Science and Technology)
15:30-15:40	Thermal and electric energy production using primary sieved solids from municipal wastewater, as gasification feedstock.	A. Manali, P. Gikas (Technical University of Crete-School of Environmental Engineering)
15:40-15:50	Two-stage Anaerobic co-digestion of Used Disposable Diapers' hydrolysate and Expired Food Products: The effect of pretreatment on the system's performance.	K. Tsigkou, P. Tsafrakidou, D. Zagklis, C. Zafeiri, M. Kornaros (University of Patras-Department of Chemical Engineering)
15:50-16:00	Monitoring results of wastewater treatment system from the cleaning processes of vessels in the Marina of Aghios Nikolaos, Crete, Greece.	M. Kavvalakis, V. Amargianitakis, M. Farsaris, E. Dialynas (Laboratory of Physicochemical & Microbiological Analyses, DIALYNAS S.A. Environmental Technology)
16:00-16:10	Removal of Trivalent Chromium from Tanneries Wastewater Using Solid Wastes.	S.E. Abdel-Kader, A. S. El-Gendy, S. El-Haggar (The American University in Cairo-Department of Mechanical Engineering)
16:10-16:20	Removal of NH <sub>4</sub> <sup>+</sup> -N from sanitary landfill leachates using adsorption process.	C. Genethliou, M. Papayianni, D. Giannakis, I. E. Triantaphyllidou, A. Tekerlekopoulou, D. Vayenas (University of Patras-Department of Chemical Engineering)
16:20-16:40	Photocatalytic degradation of risperidone in aqueous media on reduced graphene oxide – TiO <sub>2</sub> composites.	M. Kalaboka, C. Jimenez – Holgado, V. Sakkas, P. Calza, T. Albanis (Ioannina University-Department of Chemistry)
16:40-16:50	Final disposal and valorization of sewage sludge: A study of current practices and ongoing research.	M. C. Chrispim, A. Beckinghausen (Lund University of Sweden-Division of Water Resources Engineering)

Tuesday 23 July

### POSTER SESSION II

16:00-16:10	Development and characterization of effective sorbents from Agro – industrial by – products for wastewater treatment.	N. Mourgogiannis, E. Kordouli, C. Kordulis, A. Lycourghiotis, H. K. Karapanagioti (University of Patras-Department of Chemistry)
16:10-16:20	Treating municipal sanitary landfill leachates with activated carbon	K. P. Athanasopoulou, H. K. Karapanagioti (University of Patras-Department of Chemistry)
16:20-16:30	Lignocellulosic materials for oil-spills clean-up.	O. N. Makrogianni, S. S. Zantiras, A. N. Papadopoulos, G. Z. Kyzas (International Hellenic University)
16:30-16:40	Biotreatment of Brewery Wastewater Using the Filamentous Cyanobacterium Leptolyngbya sp.	K.P. Papadopoulos, C. N. Economou, M. Moustaka-Gouni, A.G. Tekerlekopoulou, G. Aggelis, D.V. Vayenas (University of Patras-Department of Chemical Engineering, Institute of Chemical Engineering and High Temperature Chemical Processes (FORTH/ICE-HT))
16:40-16:50	Corinthian currant finishing side-stream biorefinery: Bacterial cellulose, wine, vinegar and prebiotic/antioxidant formulations.	I. Plioni, A. Bekatorou, K. Sparou, E. Michalopoulou (University of Patras-Department of Chemistry)
16:50-17:00	Leaching of metals from cigarettes and heated tobacco sticks in water.	N. Solomou, N. Koutela, M.L. Saru, E. Fernandez, E. Psillakis (Technical University of Crete-School of Environmental Engineering)
17:00-17:10	Denitrification of potable water using biological and electrochemical method.	A.K. Benekos, M. Tsigara, S. Zacharakis, S. Lyrissi, A.G. Tekerlekopoulou, D.V. Vayenas (University of Patras-Department of Chemical Engineering, Institute of Chemical Engineering and High Temperature Chemical Processes (FORTH/ICE-HT))
17:10-17:20	Use of membranes for the treatment of water	F.K. Katrivesis, V. Sygouni, C.A. Paraskeva, V.G. Papadakis (University of Patras-Department of Chemical Engineering, Green Technologies Ltd)
17:20-17:40	Potable reuse: An increasing necessity.	S. Kostopoulou, E. Sazakli (University of Patras-Lab of Public Health, Medical School)
17:40-17:50	Antibiotics in the municipal sewage network originating from a private clinic in Crete, Greece.	A. G. Katsikaros, C. V. Chrysikopoulos (Technical University of Crete-School of Environmental Engineering)

17:50-18:00	<b>Management of radioactive waste in a hospital environment: A case study within the region of Attica.</b>	<b>C. Margonis, G. Antonopoulou</b> <i>(Hellenic Open University-School of Science and Technology, Institute of Chemical Engineering Sciences)</i>
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