

REMTECH Europe

SESSION 38

Wastewater treatment and remediation challenges

FRIDAY 22 SEPTEMBER

14.30 – 17.30 CEST (Central European Summer Time)

Europe Room
2nd floor

Opening

14:30 Welcome from *Marco Falconi (ISPRA)* and introduction from the Chairs

Presentations

- 14:35** Struvite Minimization in Domestic WW Systems: Prototyping & Optimization in Full-Scale Plants
MA. Cleofas O. Maceda (Association of Water & Wastewater Mechanical Systems Specialists)
- 14:50** Unlocking the Magic of Phosphate Solubilizing Bacteria: an efficient move towards sustainable crop production
Prof. Dr. Amanullah (University of Agriculture Peshawar)
- 15:05** Application of natural and modified zeolites for wastewater treatment
Francesco Panattoni, Marianna Tardani, Cosimo Masini (DND Biotech)
- 15:20** How To Resolve Risk of Cross Contamination to ASTM Standards Using PFAS and 1,4 Dioxane Free Products
George A. Ivey, B.Sc, CES, CESA, P.Chem (Ivey International)
- 15:35** Impact Assessment of WGC BAT Conclusions Implementation on IED Permit Release for the Chemical Industry in Italy
Davide Iaria (ISPRA)
- 15:50** Adsorption isotherms and kinetic models for removal endocrine disruptors and from wastewater using advanced oxidation processes in MATLAB
Ould Brahim Insaf, Chaouch Saad, Belgacem Ahmed (CRTI)
- 16:05** Semi-continuous summer-season cultivation in a flat outdoor prototype of an autochthonous microalgae for the phytoremediation of urban wastewaters at the Ferrara (Italy) plant
E. Benà, C. Baldisserotto, N. Paccapani, P. Giacò, S. Demaria, R. Marchesini (University of Ferrara), G. Zanotti, A. Benini, L. Benetti (HERA), S. Pancaldi (Terra&Acqua Tech Laboratory)
- 16:20** Hidden Sources of Soil Pollution: Potential Impact of Operational Heating and Cooling Systems on Soil Health and Microbial Dynamics
Beatriz Amanda Watts (Leuphana University)
- 16:35** "REMEDIAPP"-integral treatment system for the remediation of mining-metallurgical effluents for their conversion into farming water and drinking wastewater
Silvana Flores, Edison Zegarra (Green Metallurgy Technologies)
- 16:50** Evaluation of circular skills and circular mind-set of consumers with the use of it
Celene Brito (Instituto Mentalidade Ecosistêmica-Brazil -UCES)
- 17:05** Panel discussion moderated by chairs
- 17:30** End of the session

Register yourself in the Google form <https://forms.gle/8eQkaHh9RYZht2Vj8>

