

1st Seminar of the Association of Chemistry and the Environment (ACE)

Pollutants in the Environment **Program**

February 17, 2021

Time	Lecturer	Title
14:00-14:30	Prof. Josef Caslavsky	Isotope Ratio Mass Spectrometry in Environmental Analysis (<i>Plenary lecture</i>)
14:30-14:55	Dr. Lydia Niemi	Temporal and spatial trends in pharmaceutical concentrations in an effluent-receiving river
14:55-15:20	Dr. Piero Bellanova	How Indian urban rivers are affected by human impact - an example from Chennai
15:20-15:45	Coffe break	
15:45-16:10	Daqing Jia	Caffeine degradation in water by Mn ₂ O ₃ activation of various radical precursors
16:10-16:35	Dr. Sabina Llamazares Vegh	Bioaccumulation of trace elements in freshwater juvenile fishes: implications associated with essential fish growing habitat
16:35-17:00	Luca Carena	Photochemistry of surface waters and climate change: possible effects of hydrological drought on the decontamination potential of water bodies from pollutants

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14:00-14:25	Dr. Gorica Veselinović	Stability and toxicity of UV filters and its transformation products under disinfection conditions
14:25-14:50	Dr. Franja Prosenc	Microplastics in soil: quantification and prevalence
14:50-15:15	Anna Sosnova	GC-HRMS with Complimentary Ionization Techniques for Target and Non-target Screening for Chemical Exposure: Expanding the Insights of the Air Pollution Markers in Moscow Snow
15:15-15:40	Dr. Francisco Sánchez-Soberón	The problematic of siloxanes in WWTPs and biogas production
15:40-16:05		
16:05-16:30	Manel Touihri	Development of novel magnetic composite Fe ₃ O ₄ /pine cones gel beads for heavy metals removal in simple and binary Systems
16:30-16:55	Monika Pietrzak	Metal homeostasis and photosynthesis in selected plants
16:55-17:20	Dr. Szabolcs Pap	Pilot-scale phosphorus recovery from wastewater to create soil improver product: an assessment of adsorbent performance and quality