

Summer School on Advanced Technologies for Water Treatment

On-line lectures

Date		Title	Teacher
24.06	15.00 - 16.45	Introduction to circularity and sustainability. Challenges towards a sustainable future. Emerging contaminants in water.	Prof. Anna Zielińska-Jurek, Gdańsk University of Technology
25.06	15.00 - 16.45	Emerging contaminants in water. Wastewater Treatment Technologies. Self-purification processes of surface waters. Biochemical processes in water.	Prof. Anna Zielińska-Jurek, Gdańsk University of Technology
26.06	13.00 - 14.45	New Urban Wastewater Treatment Directive (UWWTD) on the collection, treatment and discharge of urban wastewater. Fourth stage of urban wastewater treatment. Innovative approaches for sustainable wastewater resource management	Prof. Anna Zielińska-Jurek, Gdańsk University of Technology
27.06	10.15 - 12.00	Pharmaceuticals removal by anaerobic ammonium oxidation process. Fluoroquinolones elimination from reject water by Moving Bed Biofilm Reactors (MBBRs). Technologies for wastewater treatment, water recovery and valuable raw materials from wastewater	Dr Ivar Zekker, Tartu University
30.06	14.15 - 16.00	Danish water tech for developing innovative solutions for water supply and wastewater treatment. Case studies	prof. Kai Bester, Aarhus University
01.07	9.15 - 10.00	Surface runoff water harvesting for industrial applications	Prof. Jan Hupka, Gdańsk University of Technology
01.07	10.15 - 12.00	Application of advanced oxidation technologies in water and wastewater treatment	Dr. Anna Grzegórska, Gdańsk University of Technology
02.07	9.15 - 11.00	From advancements in materials science to transformative advanced water treatment technologies. Case studies	Marta Kowalkińska, Gdańsk University of Technology