

Programme

Digital Conference Democratia-Aqua-Technica 25. + 26.09.2024

Day 1 - 25.09.2024		
Time (CEST)	Title	Speaker
09:30 – 10:00 a.m.	Welcome from project leaders Democratia-Aqua-Technica	Prof. Dr. Ulrike Gayh (SRH University Heidelberg, Germany), Prof. Dr. Jelena Radonic (University of Novi Sad, Serbia)
10:00 – 10:30 a.m.	Bathroom savings: Combining IoT-sensors, data and behavioral changes	Anders Barkholt (Aguardio, Denmark)
10:30 – 11:00 a.m.	Challenges and limitations in the application of machine learning for water quality assessment	Dr. Jelena Antović and Ivana Mihajlović, (University of Priština)
11:00 – 11:30 a.m.	Evaluation of the Performance of a Nanofiltration Membrane Filter Doped with Magnetic Zeolite for the Removal of Heavy Metals from Water	Koffi Sossou (University of Andhra, India)
11:30 – 12:00 p.m.	Poster presentations	
12:00 – 01:30 p.m.	Lunchbreak	
01:30-02:00 p.m.	Biohydrogen Production from Wheat Straw and Chicken Manure.	Prof. Dr. Yasemin Dilsad Yilmazel, Idilay Konar (Middle East Technical University, Turkey)
02:00-02:30 p.m.	Agricultural Water Management Policies and Challenges: Initiative for Blue Peace in the Middle East	Prof. Dr. Oner Cetin (Dicle University, Turkey)
02:30-03.00 p.m.	Optimization of an Electrocoagulation system for the Primary Harvesting of microalgae biomass for Biofuel Production	Amma Konadu Adjei (KNUST, Ghana)
03.00-03.30 p.m.	Poster presentations	
04:30 – 06:00 p.m.	Digital city rallies Heidelberg and Novi Sad - water and architectural highlights of the cities	



Programme

Digital Conference Democratia-Aqua-Technica 25. + 26.09.2024

Day 2 - 26.09.2024		
Time (CEST)	Title	Speaker
9:30 – 10:00 a.m.	Welcome + Coffee	Prof. Dr. Jelena Radonic (University of Novi Sad, Serbia) / Prof Dr. Ulrike Gayh (SRH University Heidelberg, Germany)
10.00-10.30 a.m.	Life Cycle Assessment of Wastewater Treatment Operation - A Case Study of the Kumasi Wastewater Treatment Plant.	Bridget Quansah (SRH University Heidelberg, Germany / KNUST, Ghana)
10.30-11.00 a.m.	PM2.5 air pollution during heating and non-heating seasons in ambient air of Novi Sad, Serbia	Prof. Dr. Jelena Radonić, Sonja Dmitrašinić (University of Novi Sad, Serbia)
11.00-11.30 p.m.	The STREAM project - The Sounds of the Danube: Towards an Interdisciplinary Environmental Education	Vilmaurora Castillo, Dr. Fernando Palacios, Prof. Dr. Ulrike Gayh (SRH University Heidelberg, Germany)
11.30-12:00 p.m.	Poster presentations	
12:00 – 01:30 p.m.	Lunchbreak	
01:30 – 02:00 p.m.	A review on methods of water treatment and reusing, saving and preservation	Prof. Dr. Mohammad Ghomi (SRH University Heidelberg, Germany)
02:00 – 02:30 p.m.	Study and characterization of runoff coefficients for the Department of Cauca: Implementation guide focused on water security	Felipe Agredo (Hydraulic Engineering Department, School of Civil Engineering, Columbia)
02:30 – 03:00 p.m.	SRH Humanitarian Engineering Project. Appropriate Technology Development Process.	Prof. Dr. Livier de Regil + students MWT (SRH University Heidelberg, Germany)
03:00 – 03:30 p.m.	Poster presentations	
03:30 – 04:00 p.m.	Closure and Outlook Democratia-Aqua-Technica Initiative	Prof. Dr. Jelena Radonic (University of Novi Sad, Serbia) / Prof Dr. Ulrike Gayh (SRH University Heidelberg, Germany)

Link Meeting Room:

[Jetzt an der Besprechung teilnehmen](#)

Besprechungs-ID: 346 664 989 817

Kennung: UGjitd

www.democratia-aqua.org