



UWI Summer School
5th/6th September 2017
Hotel Sommerfeld, Kremmen

Day 1, 5th September 2017

10:00	Welcome	Phillip Hinkelmann
10:15	Plenary talk: <i>Spatiotemporal variability and measurement approaches regarding GHG emissions from aquatic environments</i>	Prof. David Bastviken, Linköping University, Sweden
11:00	Effects of bank filtration on lake ecosystems (N5)	Mikael Gillefalk
11:20	Impact of remaining wastewater constituents on interfaces in surface waters (T4)	Robert Ladwig
11:40	Greenhouse gas formation and flux across boundaries in urban water bodies (N3)	Sonia Herrero
12:00	Ecosystem metabolism in natural and technical aquatic systems of urban environments (N4)	Clara Romero
12:20	Lunch	
13:20	Desorption kinetics and irreversibility in applications of technical adsorbents for water treatment (T5)	Geert Aschermann
13:40	Deiodination of iodinated contrast media (ICMs) in bank filtration of urban waters (T6)	Fatima El-Athman
14:00	Retention of chemical compounds in hyporheic reactors of urban freshwater systems (N6)	Jonas Schaper
14:20	Role of dust and solid waste on water and contaminant transport processes at the pavement-water interface (T1)	Anne Timm
14:40	Coffee break	



Day 1, 5th September 2017 (continued)

15:15	Plenary talk: <i>Towards a mechanistic understanding of sorption processes in water on a molecular level</i>	Prof. Torsten Schmidt, Universität Duisburg-Essen
16:00	Update to projects by doctoral students currently on parental leave (N2 – Kyle Pipkins, N7 – Tabea Broecker, T3 – Katharina Teuber)	Birgit Kleinschmit Phillip Hinkelmann
16:15	Simulating effluent organic matter competition in micro-pollutant adsorption onto activated carbon using a surrogate competitor	Stefan Dittmar
16:30	Water, heat and contaminant transport in paved urban soils	Basem Aljoumani
16:45	Meeting External Advisory Board (EAB)	
18:00	Dinner	
19:00	Strategy Meeting ISC, EAB and from 19:30 with other applicants	

Day 2, 6th September 2017

9:00	UWI guest lecture: <i>Greenhouse gas emissions from "natural" and urban inland waters, what makes the difference?</i>	Dr. Armando Sepulveda-Jauregui, University of Magallanes, Chile
9:50	Corrosion in sewers caused by biochemical processes of sulphurous compounds (T2)	Maria Grüneberger
10:10	Corrosion in sewers caused by biochemical processes of sulphurous compounds (T2)	Daneish Despot
10:30	Degradation of recalcitrant organic trace pollutants in biofilms at solid-water interfaces (N1)	Marcella Nega
10:50	Coffee break	



Day 2, 6th September 2017 (continued)

11:20	Development of decentralized wastewater treatment concepts vs. centralized method	Tayebah Zinati
11:35	Monotonicity preservation in the integral porosity shallow water model - Application at a district scale	Ilhan Özgen
11:50	Modelling of flash floods in small catchments – case study El Gouna	Franziska Tügel
12:05	Synthesis & Feedback	
13:00	Lunch	
14:00	Individual meetings with Boards of Supervisors (BoS)	
~ 16:30	End of summer school	