



NENUN PROGRAMME
November 13 2018
University of Copenhagen - Marmorhallen (CPSC)

Tuesday November 13

08.30	Registration and coffee	
09.00-09.10	Welcome	Carsten Suhr Jacobsen Aarhus University
09.10-10.50	Novel technologies	Chair: Alex Palomo Technical University of Denmark
09.10-09.30	<i>Fiddling with Nanopore Sequencing: The Good, the Bad and the Ugly</i>	Mads Albertsen Aalborg University
09.30-09.50	<i>Raman microscopy and nanoSIMS to assess activity, redox state, and generation times of single cells</i>	Andreas Schramm Aarhus University
09.50-10.05	<i>Online surveillance of microbial communities in activated sludge</i>	Martin Hjorth Andersen Aalborg University
10.05-10.20	<i>Uncovering the hidden diversity of the Asgard archaea</i>	Jakob Brandt Aalborg University
10.20-10.35	<i>A Suite of Molecular Tools for Ecological Studies of Nitrogen-fixing Bacteria</i>	John Gaby Norwegian University of Life Sciences
10.35-10.50	<i>Metagenomic-assisted isolation of relevant organisms</i>	Lars Bakken Norwegian University of Life Sciences
10.50-11.20	Coffee break	
11.20-11.40	Terrestrial environment	Chair: Carsten Suhr Jacobsen Aarhus University
11.20-11.40	<i>Build your own soil: Micro-engineered Soil Chips allow investigation of the role of habitat structure for microbial processes</i>	Edith Hammer Lund University
11.40-12.10	Biogas	Chair: Carsten Suhr Jacobsen Aarhus University
11.40-11.55	<i>From omics to enzymes: the challenge of bringing saccharolytic microbes to "life"</i>	Phil Pope Norwegian University of Life Sciences
11.55-12.10	<i>AD digestates as vectors for transferring N₂O reducing bacteria to soils</i>	Kjell Rune Jonassen Norwegian University of Life Sciences
12.10-12.30	Industry talks	Chair: Carsten Suhr Jacobsen Aarhus University
12.10-12.20	Ampliqon	Jesper S. Pedersen
12.20-12.30	Bio-Rad	Ole Jakobsen, Benjamin Baduin
12.20-13.30	Lunch	
13.30-14.15	Soil microbiome	Chair: Åsa Helena Frostegård Norwegian University of Life Sciences
13.30-13.45	<i>Genome-centric investigation of soil microbial communities along a natural climate gradient in the Finnish Arctic</i>	Igor Pessi University of Helsinki
13.45-14.00	<i>The activity and functions of soil microbial communities across a climate gradient in Finnish Arctic</i>	Sirja Viitamäki University of Helsinki
14.00-14.15	<i>Bradyrhizobia can be both efficient nitrogen fixers and strong N₂O reducers</i>	Yuan Gao Norwegian University of Life Sciences
14.15-14.55	Engineered environment	Chair: Lea Ellegaard-Jensen Aarhus University
14.15-14.35	<i>Introduction of ARG (antibiotic resistance gene) metagenomic analysis pipeline</i>	Woo Jun Sul Chung-Ang University
14.35-14.55	<i>Biodegradation of micropollutants in engineered systems</i>	Jeppe Lund Nielsen Aalborg University
14.55-15.30	Coffee break	
15.30-16.20	Aquatic environment	Chair: Kasper Urup Kjeldsen Aarhus University
15.30-15.50	<i>Biogeography of sea-ice bacteria</i>	Eeva Eronen-Rasimus Finnish Environment Institute, Marine Research Centre
15.50-16.05	<i>The composition of microbial community and denitrifying bacteria in full-scale woodchip fields</i>	Suvi Suurnäkki University of Jyväskylä
16.05-16.20	<i>Wastewater shapes sediment microbial communities through altered habitat characteristics and microbial migration</i>	Sanni Aalto University of Eastern Finland
16.20-16.55	Extreme environment	Chair: Jenni Hultman University of Helsinki
16.20-16.40	<i>Transcriptomic responses to warming and cooling of microbial communities in tundra soil</i>	Morten Schostag Nielsen Geological Survey of Denmark and Greenland
16.40-16.55	WITHDRAWN	
16.55-17.15	Closing	Carsten Suhr Jacobsen Aarhus University
17.15-20.00	Dinner and networking	