

Confirmed invited speakers

Our confirmed keynote speakers for the symposium are:

- Isabel Douterelo, Ph.D. The University of Sheffield, United Kingdom
- Frederik Hammes, Ph.D. Swiss Federal Institute of Aquatic Science and Technology

In addition, these 15 invited speakers from Finland, Switzerland, United Kingdom, Sweden, Norway, Netherlands and Denmark have confirmed their attendance as speakers at NDWBS 2019:

- Alexander Keucken, Ph.D. Vatten och Miljö i Väst (VIVAB) Varberg, Sweden
- Anke Stüken, Ph.D. Norwegian Institute of Public Health, Oslo, Norway
- Catherine Paul, Ph.D. Lund University, Sweden
- Gang Liu, Ph.D. Delft Technological University and Oasen, Netherlands
- Ines Breda, Skanderborg Forsyning, Denmark
- Jane Fowler, Ph.D. Danish Technical University, Denmark
- Kristian Hansen, Aarhus Water, Denmark
- Loren Ramsay, VIA University College, Denmark
- Peter Rådström, Ph.D. Lund University, Sweden
- Wim Hijnen, Evides, Rotterdam, Netherlands
- Sandy Chan, Ph.D. Sydsvatten AB, Malmö, Sweden
- Sanin Musovic, Ph.D. Danish Technological Institute, Denmark
- Lone Tolstrup Karlby, HOFOR, Copenhagen, Denmark
- Tarja Pitkänen, Ph.D. National Institute for Health and Welfare, Finland
- Torben Lund Skovhus, Ph.D. VIA University College, Denmark

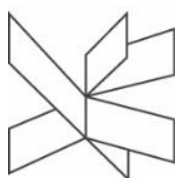
Their presentation topics will soon be listed on the webpage: <http://bit.ly/2qwTWmj>

Symposium Chairs: Torben L. Skovhus (tols@via.dk) and Catherine Paul (catherine.paul@tvrl.lth.se)

Symposium Partners:



Symposium Organizers:



VIA University
College



LUND
UNIVERSITY

Draft Program for NDWBS 2019

(updated January 14, 2019)

Day 1 – April 25 2019

<u>Arrival, registration and light welcome breakfast</u>	VIA University College , Chr. M. Østergaards Vej 4 8700, Horsens, Denmark Auditorium A Networking, setting up posters and getting your name tag
<u>Welcome, Introduction and Keynote</u>	Welcome by Head of Research at VIA University College and the Symposium Chairs Keynote talk Frederik Hammes , Swiss Federal Institute of Aquatic Science and Technology <i>Biofilms in building plumbing: environmental conditions challenge conventional biofilm formation theory</i>
<u>Session 1: How to talk about and study biofilms</u>	Loren Ramsay , VIA University College, Denmark <i>Biofilm basics and semantics – promoting seminar success</i> Peter Rådström , Lund University, Sweden <i>Pre-PCR processing: a concept to generate PCR- and MPS-compatible samples</i> Tarja Pitkänen , National Institute for Health and Welfare, Finland <i>Tracing active microbes in water systems</i>
<u>Session 2: Water quality and biofilm dynamics</u>	Gang Liu , Delft Technological University and Oasen, Netherlands <i>Assessing the origin, development, disturbance and re-stabilization of drinking water distribution system microbial ecology through suspended particles</i> Catherine Paul Lund University, Sweden <i>Bacteria released from pipe biofilm in a full-scale drinking water distribution system.</i> Alexander Keucken Vatten och Miljö i Väst (VIVAB) Varberg, Sweden <i>Applying flow cytometry as a monitoring tool for biofilm in a full-scale drinking water distribution system following installation of a hybrid ultrafiltration process</i>

	<p>Anke Stüken Norwegian Institute of Public Health, Oslo, Norway <i>Microbial community composition of shower-hose biofilms treated with or without copper-silver-ionization</i></p>
<u>Session 3 – Pitch, Posters & Reception</u>	Poster pitch by selected authors followed by poster session and drinks reception
<u>Informal dinner and networking</u>	To be decided and announced

Day 2 – April 26 2019

<u>Good morning and Keynote</u>	<p>Recap from yesterday by the the Symposium Chairs</p> <p>Keynote talk Isabel Douterelo The University of Sheffield, United Kingdom <i>Understanding biofilms to inform management of drinking water distribution systems</i></p>
<u>Session 4: Biofilms in the distribution system</u>	<p>Wim Hijnen, Evides, Rotterdam, Netherlands <i>Effects of easily and slowly biodegradable organic compounds on planktonic and benthic (biofilm) microbial activity during different phases of drinking water systems</i></p> <p>Kristian Hansen, Aarhus Water, Denmark <i>Biofilms in newly established water pipes. Planned operations, do we always fail?</i></p>
<u>Session 4: Biofilms in the distribution system cont'd</u>	<p>Lone Tolstrup Karlby, HOFOR, Copenhagen, Denmark <i>Drinking Water System Components – What are the Challenges for Danish Utilities?</i></p> <p>Torben Lund Skovhus, VIA University College, Denmark <i>The role of biofilms during commissioning of new drinking water PE pipes in Aarhus, Denmark</i></p>
<u>Session 5: Biofilms in filters</u>	<p>Ines Breda, Skanderborg Forsyning, Denmark <i>Manganese removal processes in drinking water biofilters – from virgin to matured filters</i></p> <p>Jane Fowler, Danish Technical University, Denmark <i>Extended functionality of microbial communities in rapid sand filters – inference from community and metagenomic analysis</i></p>

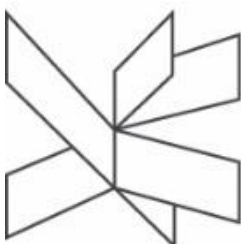
	<p>Sandy Chan, Sydvatten AB, Malmö, Sweden <i>The biofilm community in full-scale slow sand filters and how they can impact the effluent water microbiome</i></p> <p>Sanin Musovic, Danish Technological Institute, Denmark <i>Engineering Biofilms in drinking water sand filters: Can we manipulate biofilm in sand filters toward a desirable feature?</i></p>
<p><u>Wrap-up and optional technical tours and local sight seeing</u></p>	<p>Scientific/technical wrap-up by the Symposium Chairs and a selection of social/technical tours to join (to be decided)</p>

Symposium Chairs: Torben L. Skovhus (tols@via.dk) and Catherine Paul (catherine.paul@tvrl.lth.se)

Symposium Partners:



Symposium Organizers:



VIA University
College



LUND
UNIVERSITY