

# The Future for Pools

One Day Virtual Conference  
Monday 28 March 2022



**POOL WATER  
TREATMENT  
ADVISORY  
GROUP**

When the Covid pandemic eventually fades, other challenges will remain for the pool industry. How will we deal with energy and water conservation? What improvements can be made to water filtration and is there new information on disinfection bi-products and other contaminants in the water and how we deal with them?

There will be a selection of invited and offered papers with plenty of time for discussion and asking the experts questions.

The conference will be of value to those who are involved in the design, day-to-day operation, management, regulation and monitoring of pools in the leisure, holiday and health facilities including designers, pool technical operators, managers, environmental health officers, public health practitioners and scientists.

## Morning Sessions

08:30	<b>Sponsors virtual rooms open</b>	
09:15	<b>Janice Calvert, Chairman PWTAG</b>	<b>Welcome and introduction</b>
09:20	<b>Tom Devin</b> <i>Managing Director, Devin Consulting</i>	Pool water treatment - targeting net zero carbon
09:50	<b>Steve Carder</b> <i>Managing Director, Total Pool Chemicals Ltd</i>	A Review of the Operation of 3 micron Ceramic Swimming Filters in the United Kingdom
10:10	<b>Q&amp;A Session</b>	
10:25	<b>BREAK</b>	
10:30	<b>Maarten Keuten<sup>1</sup> &amp; Jan Bakker<sup>2</sup></b> <i>1 Technical University Delft</i> <i>2 Outpatient Clinic Swimming Pools and Spas</i>	Are the high chlorate levels in Dutch swimming pools a result of the corona pandemic, or is it a pre-covid problem?
11:00	<b>Alex Blackwell<sup>1</sup> &amp; Ian Ogilvie<sup>2</sup></b> <i>1 Water Babies 2 Director, PWTAG</i>	Inactivation of SARS-CoV-2 in swimming pool water
11:15	<b>Q&amp;A Session</b>	
11:35	<b>BREAK</b>	
11:45	<b>Fiona Henriquez</b> <i>Professor of Parasitology, University of the West of Scotland</i>	The importance of detection of Free-Living Amoebae (FLA) in recreational water systems
12:05	<b>Rachel Chalmers</b> <i>Director National Cryptosporidium Reference Unit, Public Health Wales</i>	Water Features, fountains and infections
12:25	<b>Q&amp;A Session</b>	
12:40	<b>John Lee</b> <i>Technical Adviser and Director, PWTAG</i>	Introducing "Hot Tubs for Home"
13:00	<b>LUNCH – Sponsors virtual rooms open</b>	

## Afternoon Sessions

13:45	<b>James Amburgey</b> <i>Associate Professor, University of North Carolina at Charlotte (Charlotte, NC, U.S.)</i>	Excel Model + Filter Research = Understanding + Fewer Crypto Outbreaks via Better Regulations
14:15	<b>Jan Bakker<sup>1</sup> &amp; Maarten Keuten<sup>2</sup></b> <i>1 Outpatient Clinic for Swimming Pools and Spas 2 Technical University Delft</i>	Health complaints in swimming pools: the Outpatient Clinic for Swimming Pools to the rescue
14:35	<b>Susanne Lee</b> <i>Director, Leegionella Ltd</i>	Impact of energy and water conservation on water safety plans
14:55	<b>Q&amp;A Session</b>	
15:15	<b>BREAK</b>	
<b>Interactive discussion sessions with introduction by the moderator</b>		
15:30	Moderator: <b>Maarten Keuten</b> <i>Technical University Delft</i>	All-electric and chlorine free pools
16:00	Moderator: <b>Jeremy Sutherland &amp; Mark Troke</b> <i>Ustigate Ltd. (TBC)</i>	Zero depth pools and splash pads
16:30	<b>BREAK</b>	
<b>Ask the Experts – Interactive session</b>		
16:40	Panel of speakers and PWTAG representatives	The panel may pose questions to the audience as well as answer questions from the audience. Questions from delegates can be submitted in advance, as well as during the day and during the session
17:10	<b>Janice Calvert</b> <i>Chairman, PWTAG</i>	Winding up comments
17:15	<b>Sponsors virtual rooms open</b>	
18:15	<b>Meeting Closes</b>	

*PWTAG reserves the right to alter speakers and/or titles of papers if circumstances dictate.*

### Registration details

[www.pwtag.org](http://www.pwtag.org)

**Members £34 + VAT**

**Non-members £40 +VAT**

### Sponsorship

Email:

[admin@pwtag.org](mailto:admin@pwtag.org)

### Ask the Experts

For the 'Ask the Experts' session in the afternoon you may submit questions in advance, during the day or during the actual session. If you wish to ask a question in advance please email your question to: [admin@pwtag.org](mailto:admin@pwtag.org).

