



SWAN 10th Annual Conference

Virtual Event Agenda

Dates: 22-24 July 2020

All times are based on British Summer Time (BST)

Day 1: Wednesday, 22 nd July 2020	
2:00-2:10 PM	<p>Conference Introduction: Manuel Parra Batres, Vice President of Practice Management (Xylem Inc.) & SWAN Council Member</p> <p>Conference Emcees: Nadia Abboud & Tom Freyberg</p>
2:10-2:25 PM	<p>Keynote: Peter Simpson, Chief Executive (Anglian Water Group)</p>
2:25-3:10 PM	<p>Panel 1: Aligning People & Strategy to Deliver Value</p> <p>Moderator: George Hawkins, Founder and President (Moonshot Missions)</p> <ul style="list-style-type: none"> • João Faria Feliciano, CEO (AGS) • Jennifer Rebeiro, CIO (City West Water) & SWAN Council Member • Reid Campbell, Director of Water Services (Halifax Water) • Dale Walker, Head of Smart OT Programme (Welsh Water)
3:10-3:15 PM	<p>5 Minute Break</p>
3:15-4:00 PM	<p>Panel 2: Bridging IT/OT: Best Global Practices</p> <p>Moderator: Corey Williams, President and CEO (Optimatics)</p> <ul style="list-style-type: none"> • Mark Gobbie, General Manager Asset Operations & Delivery (SA Water) • Martine Watson, Network Operations Manager (Unitywater) • Tom Hickmann, General Manager (Tualatin Valley Water District) • Torri Martin, Deputy Chief Information Officer (City of Atlanta)
4:00-5:00 PM	<p>Interactive Roundtable Sessions - Part 1 (details on pgs. 5-6)</p>
5:00-5:05 PM	<p>5 Minute Break</p>
5:05-5:20 PM	<p>Keynote: Bruce Chalmers, VP – People & Places Solutions: Europe (Jacobs)</p>
5:20-6:00 PM	<p>Panel 3: A Holistic Approach to Network Integration (Citizens, Cellular, Cyber)</p> <p>Moderator: Dr. Alexis de Kerchove, Water Utility Market Manager, Europe (Xylem Inc.)</p> <ul style="list-style-type: none"> • Eva Martinez Díaz, Smart Services Manager (Aqualia) • Rocky Smith, Business Solutions Architect (Cisco) • Jacob Jaspersen, Solution Architect Manager (Badger Meter) • Keith Hays, Vice President & Co-founder (Bluefield Research)



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Day 2: Thursday, 23rd July 2020	
12:00-12:05 PM	Welcome Remarks by Emcees: Nadia Abboud & Tom Freyberg
12:05-12:20 PM	Keynote: Amitabh Kant, CEO (NITI Aayog)
12:20-1:25 PM	Interactive Roundtable Sessions - Part 2 (details on pgs. 5-6)
1:25-1:30 PM	5 Minute Break
1:30-2:15 PM	<p>Panel 4: The Good, the Bad, & the Leaky: Delivering Water Loss Results Moderator: Lena Warming, Head of Commercial Services (Kamstrup)</p> <ul style="list-style-type: none"> ● Andrew Donnelly, Advisor to the Board & Head of Leakage Management Dept. (EPAL) ● Arik Mula, CEO (Mei Shikma) ● Waseem Khan, Senior Engineer (PUB) ● Pete Daykin, CEO & Co-Founder (Wordnerds)
2:15-3:00 PM	<p>Panel 5: Next-Generation Wastewater Management (Machine Learning, Optimisation, Automation) Moderator: Tom Woolley, Business Development Director (Royal HaskoningDHV)</p> <ul style="list-style-type: none"> ● Javier García del Río, Automation and Instrumentation Coordinator (Canal de Isabel II, S.A.) ● Perttu Saarinen, Automation Engineer (HSY) ● William Jeal, Business Manager – Digital & Municipal Services (Veolia) ● James Devereux, Drainage Strategy Analyst (United Utilities) & Michelle Aguilar, CTO (VAPAR)
3:00-3:05 PM	5 Minute Break
3:05-3:15 PM	SWAN Update: Amir Cahn, Executive Director (SWAN Forum) & Ken Thompson, SWAN Chairman
3:15-4:00 PM	<p>Panel 6: Overcoming Network Challenges (Water Quality, Demand, Pipe Failures) Moderator: Dragan Savic, CEO (KWR Water Research Institute)</p> <ul style="list-style-type: none"> ● Jan Gooijer, Innovation Manager (Vitens) ● Cindy Vanderstraeten, Program Manager - Digital Metering Systems (De Watergroep) ● Sebastián Otero, Network Manager (Essbio) ● Ramon Dolz, Director Spain & Latin America (Baseform)

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Day 3: Friday, 24th July 2020	
2:00-2:05 PM	Welcome Remarks by Emcees: Nadia Abboud & Tom Freyberg
2:05-2:20 PM	Keynote: Megan Glover, Co-Founder & CEO (120Water)
2:20-3:05 PM	Panel 7: Defining a Successful Utility Digital Transformation Moderator: Amir Peleg, Founder & CEO (TaKaDu) <ul style="list-style-type: none"> • Frederico Fernandes, CEO (Águas do Porto) • Joone Lopez, General Manager (Moulton Niguel Water District) • Dukessa Blackburn-Huettner, Head of Lifecycle Management (Auckland Council) • Hugh Sinclair, Asset Management Section Manager (WSSC Water)
3:05-3:10 PM	5 Minute Break
3:10-3:55 PM	Break-out Networking Session - Sponsored by Hach
3:55-4:00 PM	5 Minute Break
4:00-4:05 PM	SWAN Leadership Awards
4:05-4:50 PM	Panel 8: Digital Sustainability and Resilience in the New Normal Moderator: Fred Royan, Global Leader & VP Sustainability and Circular Economy (Frost & Sullivan) & SWAN Council Member <ul style="list-style-type: none"> • Jennifer Sara, Global Director – Water Global Practice (World Bank Group) • Thomas Butcher, Head of Industry Consultancy (Met Office) • Dr. Mark Fletcher, Director and Global Water Business Leader (Arup) • Morten Riis, Group Director – Global Market Segment Water Utility (Grundfos)
4:50-5:00 PM	Closing Remarks and Conference Summary: Manuel Parra Batres, Vice President of Practice Management (Xylem Inc.) & SWAN Council Member

(See next page for Interactive Roundtables)



Interactive Roundtable Sessions - Part 1 - July 22, 4:00-5:00PM	Interactive Roundtable Sessions - Part 2 - July 23, 12:20-1:20PM
<p>"Digital Transformation – What does it mean for the industry?" - Hosted by Ken Thompson, Global Technology Lead - IoT and Smart Sensors (Jacobs) & SWAN Chairman and Raja Kadiyala, Vice President and Senior Technology Fellow, Global Digital Director (Jacobs)</p> <p>"Real-Time Water Quality Monitoring for Water and Wastewater Systems During the COVID-19 Era" - Hosted by Sean Graebner, Global Marketing Director, Digital Solutions (Hach)</p> <p>"Reflection: How will you keep the water flowing in challenging times?" - Hosted by Kyle Mercer, Site Lead North America (Ovarro)</p> <p>"What are the main utility motivations to implement the Data-as-a-Service (DaaS) model and what are the biggest barriers?" - Hosted by Phillip Tomlinson, Commercial Director - EMEA (Metasphere)</p> <p>"Bring real time operational data to the virtual dimension and get insights to predict, plan, and perform in future operations" - Hosted by Marco Achilea, Head of Water & Infrastructure (ABB Energy Industries)</p> <p>"Water 2025: The Water Utility of the Future" - Hosted by Ruth Clarke, Business Development Manager (Xylem) and Travis Smith, Director of Smart Water Strategy (Sensus)</p>	<p>"What are the benefits of creating a Strategic Plan before implementing a Digital Utility?" - Hosted by Eric Skowron, Technical Leader - Smart Water Solutions (Jacobs)</p> <p>"Real-Time Water Quality Monitoring for Water and Wastewater Systems During the COVID-19 Era" - Hosted by Sean Graebner, Global Marketing Director, Digital Solutions (Hach)</p> <p>"Leak Detection at your desktop" - Hosted by YS Chan, Site Lead Malaysia (Ovarro)</p> <p>"What are the main utility motivations to implement the Data-as-a-Service (DaaS) model and what are the biggest barriers?" - Hosted by Tim O'Brien, CEO (Metasphere)</p> <p>"Bring real time operational data to the virtual dimension and get insights to predict, plan, and perform in future operations" - Hosted by Marco Achilea, Head of Water & Infrastructure (ABB Energy Industries)</p> <p>"Water 2025: The Water Utility of the Future" - Hosted by Ruth Clarke, Business Development Manager (Xylem) and Travis Smith, Director of Smart Water Strategy (Sensus)</p>

"Transforming the network operations: from hydraulic model to automated, operational digital twin in six easy steps" - Hosted by David Fortune, Vice President of Innovation (Innovyze)

"Beyond Leaks and Meters: new thinking about the role of technology and data in water and wastewater" - Hosted by Jon McClean, VP Technology & Innovation (Evoqua Water Technologies); Upmanu Lall, Department Chair, Earth & Environmental Engineering (Columbia University); Dragan Savic, CEO (KWR Water Research Institute); Andy Salvesson, VP (Carollo Engineers) and Director (Water Reuse Practice Director); Ufuk Erdall, Senior VP (Water Reuse National Technology) and Director (Arcadis & Water Research Foundation)

"A holistic approach to water network management – from sensing to Digital Twins" - Hosted by Chema Nebot, Director of Business Development (Idrica)

"Building functional resilience for utilities: remote workforce, remote operations" - Hosted by Sielen Namdar, Industry Solutions/Smart & Connected Communities Executive (Cisco) and Co-Chair SWAN Partnership Group - Americas Alliance

"Lessons in ROI from Data" - Hosted by Mike Gardner, Founder & CEO (Aqaix)

"Does using social media improve utility operations?" - Hosted by Nelson Mix, Captain of U.S. Public Health Service (US EPA)

"Transforming the network operations: from hydraulic model to automated, operational digital twin in six easy steps" - Hosted by David Fortune, Vice President of Innovation (Innovyze)

"What makes a utility innovative? Global strategies in the digital age" - Hosted by Eric Bindler, Research Director - Digital Water (Bluefield Research)

"How far have we come in online automated optimisation for planning and control of our waste water systems?" - Hosted by Sven Bengtsson, Digital Water Engineer (NSVA) and Cecilia Wennberg, Vice President Sales Market Development (DHI)

"A holistic approach to water network management – from sensing to Digital Twins" - Hosted by Iago Vazquez, Country Manager in Saudi Arabia (Idrica)

"How can an organisation best integrate its data to become a digital utility?" - Hosted by Jennifer Rebeiro, CIO (City West Water) and SWAN Council Member

"Are technology OEMs and Consumers/Utilities ready for a new business model - Water As Service?" - Hosted by Snehal Oza, Head of Machinery (L&T Technology Services Limited)

"How do you make your organisation SMART?" - Hosted by Andy Smith, Smart Water Strategy Leader (Anglian Water) & SWAN European Utility Alliance Chair and Emma Grace, IS Graduate (Anglian Water)



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"Digital value proposition vs barriers – CAPEX & OPEX reduction vs. established work processes" - Hosted by Dr. Helge Daebe, Investment Director (Emerald Technology Ventures)

"Technology Innovations to Solve Wet Weather Impacts on Storm, Combined Sewer and Sanitary Sewer Systems" - Hosted by Jay Boyd, Market Development Director (ADS Environmental Services) and Rebecca Losli, Program Manager (St. Louis Sewer District)

"Designing Smart Water Mentorship" - Hosted by Rudi Botha, Senior Water Sector Analyst (GreenCape)

"What is the state of smart wastewater systems - learn from difference global perspectives" - Hosted by Anne-Gaelle Figureau, Project Team Manager & Sophie Altmeyer, Project Engineer (HYDREOS) and Eddy Segal VP Sales (Utilis)

"From invisible to visible - transforming utility customer engagement" - Hosted by Hosted by Pete Daykin, CEO & Co-Founder (Wordnerds)

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