

19th UK-IWA YWP Conference - Agenda

Monday 16th April 2018

Time	Session	Location
12:00- 13:30	Registration & Refreshments	Atrium, Vincent Building
13:30 –14:00	<p>Welcome session</p> <ul style="list-style-type: none"> • Dr Lola Rey and Dr Francis Hassard (Organizing Committee) • Prof. Paul Jeffrey (Director of Water Theme, Cranfield University) • Lila Thompson (Conference Champion, International Director British Water) 	Auditorium, Vincent Building
14:00-15:30	<p>Solving the Water Challenges Workshops</p> <ul style="list-style-type: none"> • Water for everyone – Supply and Demand Management. <u>Chairs:</u> Elaine Gallagher (Cranfield University), Lila Thompson and Mar Batista (British Water) • Water security and sanitation – SDG6. <u>Chairs:</u> Ben Tam (Isle Utilities) and Paul Hutchings (Cranfield University) • Circular water systems – Treatment and Reuse. <u>Chairs:</u> Prof Bruce Jefferson (Cranfield University) and Luke Dennis (Northumbrian Water) • Increasing resilience in the water sector. <u>Chairs:</u> Heather Smith and Chloe Sutcliffe (Cranfield University) 	Lecture Rooms, Vincent Building
15:30 –16:00	Coffee break	Atrium, Vincent Building
16:00-17:30	<p>Careers Session</p> <p><u>Chair:</u> Martin Currie (Water Quality and Treatment Consultant, Aqueum)</p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> • Faith Chastain (UK General Manager, Charity: water) • Prof. Paul Leinster (Cranfield University) • Guy Franklin (Head of Water Quality and Compliance, Southern Water) • Andrew Thompson (Technical Manager, Royal HaskoningDHV) 	Auditorium, Vincent Building
19:30 - 21:30	Welcome Drinks	CMDC

Tuesday 17th April 2018

Time	Session	Location
9:00 - 10:30	<p>Session 1: Cooperation to solve future water challenges</p> <p><u>Chair:</u> Luke Dennis (Northumbrian Water)</p> <p><u>Keynote:</u> Geoff Darch (Principal Water Resource Systems Planner, Anglian Water)</p> <p><u>YWP Presentations</u></p> <p>Paul Andrew Quinn (School of Politics and International Relations, University College Dublin), <i>Negotiating Transboundary Rivers: Beyond Hegemony to Regional Economic Integration</i></p> <p>Laure-Elise Mayard (Northumbria University), <i>Fostering cooperation over the Han river between North and South Korea- Is the UN Watercourses Convention the appropriate instrument?</i></p> <p>Katie Smith (Centre for Ecology & Hydrology), <i>UK Historic Drought Reconstructions: Using the Past to Inform the Future</i></p> <p>Stephanie Hawkins (University of Aberdeen), <i>Towards a Water-Energy-Food Nexus approach to Law and Governance in Southern African using the Sustainable Development Goals: The case of the Zambezi River Basin</i></p>	Auditorium, Vincent Building
10:30 - 10:45	<p>Flash presentations</p> <p>Sara Moslemi Zadeh (BuroHappold); Frankie Cho (University of Hong Kong); Gloria Salmoral (Cranfield University); George Farrington (Ofwat); Anna Strzelecka (De Montfort University); Nikolaus Clemenz/ Inês Ribeiro (Mott MacDonald); Arshan Iqbal (AECOM)</p>	Auditorium, Vincent Building
10:45 - 11:15	Coffee break	Atrium, Vincent Building
11:15 - 12:45	<p>Water Leaders Dialogue</p> <p><u>Chair:</u> Shawn Seah (UCL/PUB Singapore)</p> <p><u>Panellist</u></p> <ul style="list-style-type: none"> • Prof Sarah Bell (UCL) • John Clark-Hughes (Programme Director, CH2M) • Mandy Fletton (Senior Programme Manager, 	Auditorium, Vincent Building

	<p>UKWIR)</p> <ul style="list-style-type: none"> • Mandhy Senewiratne (Director of Sustainability, FYREFLY GLOBAL SUSTAINABILITY LIMITED) <p><u>YWP Presentations</u></p> <p>Aman Majid (University of Oxford), <i>The energy-water nexus: pathway to energy sustainability in the water sector.</i></p> <p>Emma Hibbett (University of Oxford), <i>Mapping the Invisible: deconstructing constraints on meaningful public participation in the UK Water Framework Directive.</i></p>	
12:45 - 13:45	Lunch + Poster exhibition	Atrium, Vincent Building
13:45 – 15:15	<p>Session 2: Treatment innovations</p> <p>Chair: TBC</p> <p><u>Keynote</u> : Andy Wallace (Water Sector Director , Wood)</p> <p><u>YWP Presentations</u></p> <p>Natalie Lamb (The University of Sheffield and Anglian Water), <i>Chemical Free Drinking Water Treatment: Importance, Feasibility and Next Steps</i></p> <p>Wan Norazrina Binti Wan Rusli (Imperial College London), <i>Plant-derived biocides for potential water disinfection and other hygienic applications</i></p> <p>Maaik Hoekstra (Dutch water authority Hoogheemraadschap Hollands Noorderkwartier), <i>A wicked problem on the road to a resilient water future</i></p> <p>Vicky De Groof (University of Bath), <i>Emerging contaminants in food waste digestion</i></p>	Auditorium, Vincent Building
15:15 - 15:30	<p>Flash presentations</p> <p>Georgia Brown (Severn Trent Water); Dolores Gonzalez (University of Bath); Niti B Jadeja (National Environmental Engineering Research Institute, India); Elizabeth Lawson (University of Exeter); Ryan Smith (Severn Trent); Sarah Green (Mott MacDonald) ; Paul Wills (University of Exeter)</p>	Auditorium, Vincent Building
15:30 – 16:00	Coffee break	Atrium, Vincent Building
16:00 – 17:45	<p>YWP Session</p> <p>Chair: TBC</p> <p><u>YWP Presentations:</u></p>	Auditorium, Vincent Building

	<p>Jon Chouler (Isla Urbana & Engineers Without Borders UK), <i>Development of low cost chlorination technologies for rainwater harvesting systems in Mexico City.</i></p> <p>Anna Hulme (Cranfield University), <i>Identification of RED boundary conditions for optimal power density and energy efficiency</i></p> <p>Grace Oluwasanya (Federal University of Agriculture, Nigeria), <i>Sustainability and risk assessment matrix (SCRAM): Pathway to water Security</i></p> <p>Katerina Novotna (The Czech Academy of Sciences), <i>Permanganate pre-oxidation of algal organic matter and its influence on coagulation</i></p> <p>Magdalena Baresova (The Czech Academy of Sciences), <i>How algal organic matter affects coagulation of other impurities present in surface waters</i></p> <p>Angela Dhaliwal (Wood), <i>Robust estimation of drinking water treatment outages and link to asset health to support resilience in the water industry</i></p>	
19:00	Coach transport from CMDC to Gala Dinner at Woburn Safari Park	
19:30 - ...	Gala Dinner	Woburn Safari Lodge

Wednesday 18th April 2018

Time	Session	Location
9:00 - 10:30	<p>Session 3: Finding solutions to water problems</p> <p><u>Chair:</u> Lloyd Martin (CEO, British Water)</p> <p><u>Keynote:</u> Jenni Balmer (National Water Resources Environment & Business Manager , Environment Agency)</p> <p><u>YWP Presentations:</u></p> <p>David Gibbin (Severn Trent Water), <i>Untapped Potential: Experience of Energy Demand Side Flexibility at Severn Trent</i></p> <p>Jeevan Jones (Ofwat), <i>Regulatory policies to support new markets for water</i></p> <p>Frankie Cho (University of Hong Kong), <i>Resident preferences for urban river restoration- a choice</i></p>	Auditorium, Vincent Building

	<p><i>experiment study in Guangzhou, South China</i></p> <p>Lewis Evans (Mott MacDonald), <i>Providing cost effective resilience to Anglian Water's customers through utilising existing infrastructure</i></p>	
10:30 - 10:45	<p>Flash presentations</p> <p>Carlos M. Lopez-Alled (University of Bath); Barry Millar (Waterscan); Viviane Runa (University of Bath); Judit Ribera (Fundació CTM Centre Tecnològic); Charlotte de Witte (Thames Water); Lenka Cermakova (The Czech Academy of Sciences); Johanna Withington (Atkins); Akinlabi Adeyemi (Arvia Technology)</p>	Auditorium, Vincent Building
10:45 - 11:15	Coffee break	Atrium, Vincent Building
11:15 - 12:15	<p>YWP Session</p> <p><u>Chair:</u> Prof Tom Stephenson (Pro-Vice-Chancellor - Research and Innovation, Cranfield University)</p> <p><u>YWP Presentations:</u></p> <p>Johanna Bobbio (Thames Water), <i>Real-Time Control (RTC) & modelling for enhanced process performance forecasting.</i></p> <p>Sam Houlker (Cranfield University), <i>Scale up of hollow fibre membrane contactors (HFMCs) for biogas upgrading</i></p> <p>Farhad Kamranvand (Cranfield University), <i>The Nanomembrane Toilet: Enabling decentralised waterless non-sewered sanitation at a single household scale through membrane separation</i></p> <p>Ryan Wiggam (Black & Veatch), <i>Harnessing the Power in Nitrifying Sand Filters: The Impact of Air Flow on NSF Performance</i></p> <p>Olivia Bailey (University of Bath), <i>Developing a stochastic sewer input model to support sewer design under water conservation measures</i></p>	Auditorium, Vincent Building
12:15 - 13:15	<p>Prizes and Closure Ceremony</p> <ul style="list-style-type: none"> • Prof. Tom Stephenson (Pro-Vice-Chancellor - Research and Innovation, Cranfield University) • Lloyd Martin (CEO, British Water) • Tony Koodie (Regional Process Director, B&V) 	Auditorium, Vincent Building
13:15 - 13:45	Picnic Lunch	Atrium, Vincent Building
PM	Technical Tours	