

Optimising Water and Waste Systems Using AI, ML & IOT

May 24th, Inmarsat, London

This workshop will focus on the emergence of artificial intelligence, machine learning and the Internet of Things within the water industry

09:30 Tea, coffee & registration

09:55 Introduction: **Damian Lewis, Inmarsat & Alex Gray, SWIG**

10:00 When Will ChatGPT Fix Our Stormwater Overflows?: **Peter Melville-Shreeve, University of Exeter**

10:30 Optimisation of Sewer Network Monitoring – United Utilities Case Study: **Katy Bevan, United Utilities**

11:00 Building Intelligence in the Water Sector Through Data Analytics and Digital Twins - **James Ballard, Severn Trent Water**

11:30 Refreshments and networking

12:00 Resilient Connectivity, Enabling IoT Solutions For Water Monitoring & Management: **Nicole Snowling, Inmarsat**

12:15 Optimising Water and Waste Systems Using IOT and Satcoms: **Reece Pitts, Ground Control**

12:30 Intelligence in Water: **James Houlton, Amazon Web Services**

13:00 Lunch & NOC tours

14:30 Optimisation of a Water Company's Waste Pumping Asset Base With a Focus on Energy Reduction: **Alex Gray, Thames Water**

15:00 Leveraging IoT Principles for Closed Loop Control Leveraging IoT Principles for Closed Loop Control: **Stephen Wigley, Thames Water**

15:30 DISCUSSION

16:00 Close

Exhibiting today:

inmarsat 

 **power**

 Ground Control




GUTERMANN



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Workshop Delegate List

<u>Surname</u>	<u>First name</u>	<u>Email</u>	<u>Company</u>
Atkinson	Barnaby	barnaby.atkinson@inmarsat.com	Inmarsat
Austin	Lincoln	SALES@DP-FLOW.CO.UK	DP Flow Ltd
Ballard	James	james.ballard@severntrent.co.uk	Severn Trent Water
Barkwith	Matt	Matthew.Barkwith@southernwater.co.uk	Southern Water
Bennett	Phil	phil@udlive.io	UDlive
Blake-Manson	Hugh	hbl34@uclive.ac.nz	Waugh Infrastructure Management Ltd
Brookes	Sarah	sarah@digilab.co.uk	digiLab
Buckland	Derek	DBuckland@technolog.com	Technolog
Bull	Graham	graham.bull@industrialcomms.com	IndustrialComms
Bulled	Matt	matt.bulled@ejpeak.co.uk	EJ Peak Technology Solutions Ltd
Carswell	Leo	leo.carswell@wrcgroup.com	Water Research Centre Ltd
Casswell	Hannah	hannah.casswell@swig.org.uk	SWIG
Cescon	Anna	anna.cescon@wrcgroup.com	WRc
Chandler	Paul	paul.chandler@gutermann-water.com	Gutermann Ltd
Chojnowski	Adrian	Adrian.Chojnowski@thameswater.co.uk	Thames Water
corbie	Robin	rcorbie@technolog.com	Technolog
Crawford	Adam	adam.crawford@udlive.io	UDlive
Crowley	George	gcrowley1@sheffield.ac.uk	University of Sheffield
Edwards	David	dedw@hms-networks.com	HMS Networks
Egan	Paul	paul@8power.com	8power
Ellison	Matthew	matthew.ellison@kisters.co.uk	Kisters
Everest	Mike	Meverest@meniscus.co.uk	Meniscus Systems Ltd
Fadero	Jide	jide.fadero@envirosuite.com	Envirosuite Ltd
Gibson	Mike	M.J.Gibson@Exeter.ac.uk	University of Exeter
Gillings	Sean	sean.gillings@groundcontrol.com	Ground Control
Gray	Alex	alex.gray@thameswater.co.uk	Thames Water

Gregory	Sarah-Louise	sarah-louise.gregory@environment-agency.gov.uk	Environment Agency
Hajric	Asmir	asmir.hajric@metasphere.co.uk	Metasphere Ltd
Houlton	James	jhoult@amazon.co.uk	Amazon Web Services
Huntingdon	Jamie	jamie.huntingdon@kando.eco	Kando
Johnson	Ben	ben.johnson@xylem.com	Xylem Analytics UK
Keen	Ian	ian.keen@churchill-controls.co.uk	Churchill Controls Ltd.
Kirby	William	william.kirby@wessexwater.co.uk	Wessex Water
Kupiec	John	john.kupiec@environment-agency.gov.uk	Environment Agency
Lavington	James	james.lavington@thameswater.co.uk	Thames Water
Lewis	Damian	damian.lewis@inmarsat.com	Inmarsat
Luckett	James	j.luckett@ash-eng.com	Ashridge Engineering Ltd
McAndrew	Anthony	anthony.mcandrew@securein.com	Secure Innovation Ltd
Melville-Shreeve	Peter	p.melville-shreeve2@exeter.ac.uk	University of Exeter
O'Gorman	Beccy	Beccy.ogorman@groundcontrol.com	Ground Control
Palmer	Casady	casady.palmer@southwestsensor.co.uk	SouthWestSensor Ltd
Pinto	Carlos	carlos.pinto@ejpeak.co.uk	EJ Peak Technology Solutions Ltd
Pitts	Reece	reece.pitts@groundcontrol.com	Ground Control
Rouse	Phil	phil.rouse@groundcontrol.com	Ground Control
Scutt	Neil	neil.scutt@southernwater.co.uk	Southern Water
Snowling	Nicole	nicole.snowling@inmarsat.com	Inmarsat
Tigner	Camille	camille.tigner@arup.com	Arup
Tomlinson	Phil	phil.tomlinson@metasphere.co.uk	Metasphere Ltd
Van Alstede	Jeroen	jeroen.valstede@ejpeak.co.uk	EJ Peak Technology Solutions Ltd
Warren	Brett	brett.warren@southwestsensor.co.uk	SouthWestSensor Limited
Weston	Martin	martin.weston@bcu.ac.uk	Birmingham City University
Wigley	Stephen	stephen.wigley@thameswater.co.uk	Thames Water