

THURSDAY, 10 MAY 2018

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5	Stream 6	Stream 7	Stream 8
	Excellence in Operations & Asset Management	Excellence in Operations & Asset Management	Excellence in Operations & Asset Management	Inspiring Change, People & Organisation in the Water Sector	Community Health and Wellbeing	Industry Safety & Wellbeing	Workshop / Panel Nine	Workshop / Panel Ten
	Data to Information	Water Treatment	Novel WWT Solutions	People Power	Managing Wastewater & Reuse Risks	Safety Differently and a Mentally Healthy Workplace		
	<b>Pitch Presentation 70</b> 441 - WASTEWATER TREATMENT OPERATIONAL IMPROVEMENT THROUGH LIVE PLANT PERFORMANCE DATABASE Bradley Shand Aroona Alliance	<b>Pitch Presentation 74</b> 447 - ADVANCING PIPE INDUSTRY WITH DISINFECTANT AND STRESS CRACK RESISTANT PE100 Dr Patrik Schneider LyondellBasell	<b>Pitch Presentation 78</b> 41 - APPLICATION OF METAL-BASED NANOFIBER SCAFFOLDS IN WATER TREATMENT: CASE STUDY OF HEAVY METAL ION ADSORPTION Elise des Ligneris Institute for Frontier Materials, Deakin University	<b>Pitch Presentation 82</b> 440 - WORKFORCE MANAGEMENT EFFECTIVENESS – THE AROONA ALLIANCE EXPERIENCE Jerome Douziech Aroona Alliance	<b>Pitch Presentation 86</b> 226 - POLYMERIC ANTISCALANT STUDY IN REVERSE OSMOSIS PURIFICATION IN CONDITIONS OF HIGH RECOVERY AND CHALLENGING SCALES Richard Tay Dow Chem Pac (Singapore) Pte L	<b>Pitch Presentation 88</b> 124 - THE TBL OF TASTE AND ODOUR Tara Callingham Goulburn Valley Water	<b>Water Research Australia Presents:</b> EMERGING CONTAMINANTS AND POLLUTANTS OF INTEREST FOR THE AUSTRALIAN WATER INDUSTRY	<b>RedEye Apps Presents:</b> 'INNOVATION AT WORK' - INDUSTRY LEADERS SHARING THEIR JOURNEY HOW THEY ENCOURAGE INNOVATION
	<b>148</b> IMPROVING FIELD AND ASSET MANAGEMENT COLLABORATION WITH NEXT GENERATION INTEGRATED APPLICATIONS Ivan Beirne Unitywater	<b>181</b> MAXIMISING PLANT CAPACITY - NOVEL INSTRUMENT TO MEASURE FLOC STRENGTH IN DIRECT FILTRATION WATER TREATMENT PLANTS Dr Heri Bustamante, Sydney Water Sina Moradi, UNSW	<b>347</b> TRANSLATION OF SCIENTIFIC DISCOVERIES TO APPLIED WASTEWATER TECHNOLOGIES BY COLLABORATIVE RESEARCH Shihu Hu Advanced Water Management Centre, UQ	<b>200</b> EMPOWERING CHAMPIONS TO DRIVE WATER SENSITIVE CITY TRANSITIONS Katie Hammer Cooperative Research Centre for Water Sensitive Cities, Monash University	<b>30</b> OPERATIONAL LEARNINGS AND COMPLIANCE ASPECTS OF RUNNING A GROUNDWATER REPLENISHMENT SCHEME Dr Stacey Hamilton Water Corporation	<b>ACCENT SPEAKER</b> DISRUPTIVE SAFETY LESSONS FROM DISRUPTION: RESORING YOUR PEOPLE AS THE SOLUTION Kelvin Genn Art of Work		
0900-1030	<b>156</b> INTEGRATED DATA AND ASSET MANAGEMENT APPROACH IDENTIFIES OPTIMAL LEVEL OF DATA IMPROVING WATER SUPPLY EFFICIENCIES Edgar H Johnson GHD	<b>232</b> INFLUENCE OF COAGULATION ON THE BIOLOGICAL REMOVAL OF TASTE AND ODOUR COMPOUNDS Kelly Newton SA Water	<b>341</b> NEREDA, ORGANICA FOOD CHAIN REACTOR AND STEP FEED PILOT PLANT TRIALS AT MELBOURNE WATER'S WTP Jackie Moss Melbourne Water	<b>438</b> THE IMPACT OF PETER CULLEN'S LEGACY – TEN YEARS ON.... Kate MacMaster The Peter Cullen Water and Environment Trust	<b>168</b> AURA STORMWATER HARVESTING PROJECT – AN INNOVATIVE RISK BASED APPROACH TO IDENTIFYING POTENTIAL WATER QUALITY ISSUES Tony McAlister Water Technology	<b>ACCENT SPEAKER</b> SAFER TOGETHER HOW A COMMUNITY FO LEADERS IS DRIVING A SAGER NATURAL GAS EXPLORATION & PRODUCTION INDUSTRY John Smith MPC Group		
	<b>336</b> LIVE SEWER NETWORKS - OPERATIONAL MODELLING AND PREDICTIVE REAL TIME DECISION SUPPORT TOOLS Patrick Bonk Innovyze	<b>310</b> BENDIGO GROUNDWATER- TREATMENT CHALLENGE FOR ARSENIC,SULFIDE,METALS AND SALT REMOVAL TO WATER REUSE STANDARD Michael Chapman GHD	<b>25</b> SOLVING PHOSPHORUS REMOVAL CHALLENGES WITH MAGNETITE BALLASTED TECHNOLOGY – BILLERICA WASTEWATER TREATMENT FACILITY, USA Michael C Whittier, Evoqua Water Technologies Sam Towndrow, Evoqua Water Technologies	<b>315</b> WORLD CLASS PRODUCTION: DELIVERING VALUE AT STP'S Peter Donaghy Queensland Urban Utilities	<b>278</b> A RISK-BASED APPROACH FOR ACHIEVING EFFECTIVE OUTCOMES: MELBOURNE WATER'S APPROCH TO MANAGEMENT OF WET WEATHER SPILLS Sarah Watkins Melbourne Water	<b>ACCENT SPEAKER</b> MENTAL HEALTH WORKPLACE HOW TO COMMENCE AND SUSTAIN ONE Dr Paula Robinson Rositive Psychology Institute		
	<b>Pitch Presentation 71</b> 346 - TASK MANAGEMENT FOR MULTI-DISCIPLINE OPERATORS Murray Leech Collab IT Systems	<b>Pitch Presentation 75</b> 276 - CHALLENGING DESIGN ASSUMPTIONS – LEADING PRACTICES IN THE PURSUIT OF OPTIMISED CAPITAL INVESTMENT Michael Evans GHD	<b>Pitch Presentation 79</b> 409 - OFFLINE REFURBISHMENT OF CRITICAL PROCESS INFRASTRUCTURE Phil de Groot TRILITY	<b>Pitch Presentation 83</b> 40 - WHAT WE LEARNT ABOUT INNOVATION FROM THE WATERAID WATER INNOVATORS CHALLENGE Katie Jones Seqwater	<b>Pitch Presentation 87</b> 460 - UNIQUE SOLUTION TO CONTROLLING STORMWATER CONTAMINANTS FROM ORGANIC MATERIAL PROCESSING RUN OFF Mitch Laginestra GHD	<b>Pitch Presentation 89</b> 271 - WATER QUALITY TESTING USING NEXT GENERATION DNA SEQUENCING TECHNOLOGY Dr Thorsten Mosisch Australian Water Quality Centre		
1030-1115	MORNING TEA							

Product Pitch Presentation  
 Poster Pitch Presentation

Technical Presentation  
 Case study Presentation

\* Correct at time of publication 5/04/2018

1030-1115		MORNING TEA													
Excellence in Operations & Asset Management <i>Recycled Water</i>		Excellence in Operations & Asset Management <i>Water Treatment &amp; Reuse</i>		Excellence in Operations & Asset Management <i>Wastewater Management Challenges</i>		Servicing & Supporting Rural, Remote and Regional Areas <i>Rural Water</i>		Workshop / Panel Eleven		Industry Safety & Wellbeing <i>Applying Proactive Safety Techniques</i>		Workshop / Panel Twelve		Workshop / Panel Thirteen	
<b>Pitch Presentation 72</b> 427 - GET CONTROL OF AERATION AND OPTIMISE NUTRIENT REMOVAL Charles Mellish Stantec Australia		<b>Pitch Presentation 76</b> 446 - EXTREME INFLOWS INTO THE MURRAY-DARLING BASIN SYSTEM 2016: USING TARGETED OPERATIONAL MONITORING & CONTROL James Livingston, TRILITY Sushrut Kulkarni, TRILITY		<b>Pitch Presentation 80</b> 24 - DESIGN CONSIDERATIONS TO INCREASE TREATMENT CAPACITY WITH MAGNETITE - BALLASTED ACTIVATED SLUDGE FACILITIES Sam Towndrow Evoqua		<b>Pitch Presentation 84</b> 47 - WATER FOR FOOD – THE MYALUP-WELLINGTON STORY SO FAR Daniel Visser GHD		<b>Queensland Urban Utilities Presents:</b> FACING AN UNCERTAIN FUTURE WITH SCENARIOS AND DYNAMIC CAPABILITIES		<b>Pitch Presentation 90</b> 320 - CONTINUOUS IMPROVEMENT BY EVOLUTION - THE INTERFLOW SAFETY LEADERSHIP PROGRAM John Monro Interflow		<b>International Water Association (Australia) and the Australian Water Association's SDGs Specialist Network Presents:</b> STRETCHING THE SDGS: HOW THE AUSTRALIAN WATER SECTOR CAN DRIVE PROGRESS ON AN INTERNATIONAL STAGE		<b>National Health &amp; Medical Research Council Presents:</b> TRANSLATING SCIENTIFIC EVIDENCE INTO NHMRC WATER QUALITY GUIDELINES	
<b>127</b> INNOVATIVE REVERSE OSMOSIS PRE-TREATMENT STRATEGY FOR DUAL MEMBRANE RECYCLED WATER PLANT Shanli Zhang City West Water		<b>32</b> THE BLACKWATER CHALLENGE – WHEN DESIGN LIMITATIONS ARE EXCEEDED Adam Medlock TRILITY		<b>288</b> EXTENDING AGEING ASSET LIFE USING MODERN TECHNOLOGY - THE BOLIVAR SECONDARY CLARIFIERS CASE STUDY Julian Briggs Aurecon		<b>326</b> PLAN2FARM: A FARMER-BASED APPROACH TO HELPING AGRICULTURAL COMMUNITIES ADAPT TO CHANGE AND A LOW-WATER FUTURE Toni Radcliffe, DELWP Shari Rankin, NCCMA   Dianne Bowles, GMID Dairy Farmer				<b>179</b> USING VIRTUAL REALITY TO ELIMINATE HAZARDS AND INCREASE STAFF ENGAGEMENT WITH PROJECTS Rachel Smith Melbourne Water					
<b>182</b> ATUM: HOW TO EXTEND THE LIFE OF ULTRA-FILTRATION MEMBRANES Jennifer Dreyfus, Allwater Caroline Herman, Allwater		<b>262</b> FATE OF ORGANIC MATTER FRACTIONS WITHIN PRE-TREATMENT PROCESSES IN SEAWATER DESALINATION PLANTS Yulia Shutova AECOM		<b>17</b> MEMBRANE BIOREACTOR (MBR) WASTEWATER TECHNOLOGIE: OPERATOR'S RETURN OF EXPERIENCE Fabrice Polizzi CDE-SUEZ		<b>374</b> RESPONDING TO CLIMATE CHANGE BY SECURING WATER SUPPLIES FOR AGRICULTURAL AND OTHER RURAL USERS Mark Williams, GWMWater Simon Coutts, GWMWater				<b>380</b> INTRODUCING VIRTUAL REALITY TRAINING SOLUTIONS TO THE WATER SECTOR – WHERE DO WE GO FROM HERE? Andrew Rozycki KBR					
<b>169</b> INNOVATIVE SOLUTION FOR SUNBURY RECYCLED WATER PLANT UPGRADE Hemadri Saha Downer		<b>39</b> WASTEWATER TREATMENT, DISPOSAL AND REUSE VIA AQUIFER INFILTRATION: WATER QUALITY ASSESSMENT FOR OPERATIONAL ENVIRONMENTAL COMPLIANCE Arron Lethorn Water Corporation		<b>53</b> DESIGN AND OPERATIONAL LEARNINGS FROM A LEGO-SCALE WWTP Wayne Bagg Water Corporation		<b>203</b> SURGE MITIGATION IN A MODERNISED IRRIGATION SYSTEM Michael Evans GHD				<b>123</b> REHABILITATION AT WORK - HOW THE INTRODUCTION OF AN ONSITE PHYSIOTHERAPIST SERVICE REDUCED COMPENSABLE CLAIMS, BUT MORE IMPORTANTLY CARED FOR OUR PEOPLE. Rob Lynch, Queensland Urban Utilities Matthew Forner, Axis Rehabilitation at Work					
<b>Pitch Presentation 73</b> 55 - BENEFITS OF DOSING IRON SALTS TO CONTROL H2S IN BIOGAS – LUGGAGE POINT & OXLEY STP'S Brendan Murray, Ixom Wakib Khan, Queensland Urban Utilities		<b>Pitch Presentation 77</b> 306 - CONTROL OF LUDWIGIA PERUVIANA USING GLYPHOSATE IN A DRINKING WATER RESERVOIR Dr Alec Davie WaterNSW		<b>Pitch Presentation 81</b> 54 - A QUICK-FIX DIFFUSED AERATION SOLUTION FOR GNARABUP WWTP Wayne Bagg Water Corporation		<b>Pitch Presentation 85</b> 465 - SUSTAINABLE LOW ENERGY SYSTEM FOR HIGH GROUNDWATER TABLES IN REGIONAL TOWNS Danny Burkett WSP				<b>Pitch Presentation 91</b> 257 - MAJOR HAZARD CASE STUDY - FATAL RISK REDUCTION INITIATIVE Wayne Jones TasWater					
1245-1345		LUNCH													
1345-1515		KEYNOTE SESSION													
1515-1545		CLOSING SESSION													
1545-1630		CLOSING DRINKS													

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	Product Pitch Presentation
	Poster Pitch Presentation
	Technical Presentation
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