



# Toxicology in the 21st Century: How does it apply to the water industry?

14 – 16 October 2015, Brisbane Convention & Exhibition Centre

8th Annual Scientific Meeting & Workshop

## WORKSHOP PROGRAM

Wednesday 14 October 2015

### Sustainable Water Quality and Treatment

Time	Speakers	Topic Area
<b>08.00am - 09.00am</b>	<b>Registration, Tea and Coffee</b>	
09.00am - 09.15am	Peter Di Marco ACTRA President	Welcome and Introduction to the Workshop
09.15am - 10.05am	Dr Dan Deere Water Futures	Challenges for a Sustainable Water Industry in Australia
10.05am - 11.00am	Mr Mark Pascoe International Water Centre	Industry & Regulatory Perspectives on the Issues
<b>11.00am - 11.20am</b>	<b>Morning Tea</b>	
11.20am - 12.10pm	Dr Janet Tang The University of Queensland, Entox	Disinfection By Products
12.10pm - 13.10pm	Dr Fred Leusch Water Futures, Griffith University	Bio-Analytical Tools (BATs)
<b>13.10pm - 14.00pm</b>	<b>Lunch</b>	
14.00pm - 14.40pm	Dr Andrew Humpage Australian Water Quality Centre	Cyanobacterial Toxins
14.40pm - 15.20pm	Dr Ian Stewart, Food and Water Consulting	The Cylindrospermopsin Analogue Deoxy-Cylindrospermopsin: <i>In Vitro</i> and <i>In Vivo</i> Acute Toxicity
<b>15.20pm - 15.50pm</b>	<b>Afternoon Tea</b>	
15.50pm - 16.20pm	Associate Professor Anne Roiko Environmental Health, Griffith University	Engaging with the Community
16.20pm - 16.50pm	Dr Mark O'Donohue Australian Water Recycling Centre of Excellence	Research Priorities and the Way Forward
<b>16.50pm - 17.30pm</b>	<b>Open Discussion &amp; Workshop Close</b>	

ACTRA gratefully acknowledges the 2015 ASM sponsors



Register at [www.actra.org.au](http://www.actra.org.au)

Early Bird Deadline Tuesday 1 September 2015

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### ASM PROGRAM DAY 1 - THURSDAY 15 OCTOBER 2015

Time	Speakers	Topic Area
08.30am - 09.30am	<b>Registration, Tea and Coffee</b>	
09.30am - 10.00am	Peter Di Marco, ACTRA President	Welcome and Introduction Tribute to Professor Michael Moore
10.00am - 10.50am	Dr Robert Kavlock Office of Research and Development, US EPA	The ToxCast, ExpoCast and Tox21 Programs; Meeting the Toxicological Challenges of the 21st Century
10.50am - 11.10am	<b>Morning Tea</b>	
11.10am - 11.40am	Professor Matti Lang National Research Centre for Environmental Toxicology, Entox	Improving Mechanism - Based Bioassays for Predicting Toxicity of Environmental Contaminants

#### SESSION 1: Presentation of Submitted Papers

11.40pm - 12.00pm	Sneha Satya National Industrial Chemicals Notification and Assessment Scheme (NICNAS)	Emerging Approaches to Human Health Hazard Assessments
12.00pm - 12.20pm	Kerry Nugent National Industrial Chemicals Notification and Assessment Scheme (NICNAS)	IMAP in Review - "Fit for Purpose" Risk Assessment
12.20pm - 12.40pm	Brian Priestly Monash University	HdM1 - An Alternative to the ADI/TDI Encompassing Variability?

#### 12.40pm - 14.20pm Lunch & ACTRA Annual General Meeting (AGM)

14.20pm - 15.00pm	Dr Roger Drew ToxConsult	Application of the Threshold of Toxicological Concern (TTC) to Recycled Water Quality
15.00pm - 15.30pm	<b>Afternoon Tea</b>	

#### SESSION 2: Presentation of Submitted Papers

15.30pm - 15.50pm	John Frangos Golder Associates	Rapid Risk Assessment to Address Public Health Concerns
15.50pm - 16.10pm	Craig Dalton, Hunter England Population Health, (HNEPH)	Decrease in Children's Blood Levels Following Closure of a Lead Zinc Smelter, Boolaroo, Australia
16.10pm - 16.30pm	Tarah Hagen ToxConsult	Peace (PAX) and birds
16.30pm - 16.50pm	John Frangos Golder Associates	Risk-based Methods to Derive Aquatic Ecosystem Guidelines
16.50pm - 17.10pm	Benjamin Edokpolo Griffith University	Health Risk Assessment for Exposure to Benzene in Petroleum Refinery Environments

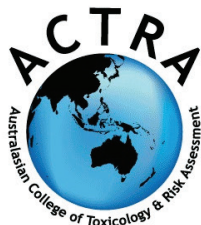
#### 17.10pm - 17.30pm Close of Meeting Day 1

18.30pm - 22.00pm	<b>Conference Dinner</b>	
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## ASM PROGRAM DAY 2 - FRIDAY 16 OCTOBER 2015

Time	Speakers	Topic Area
08.00am - 09.00am	<b>Registration, Tea and Coffee</b>	
<b>SESSION 3: Presentation of Submitted Papers</b>		
09.00am - 09.20am	Rhian Cope Therapeutic Goods Administration (TGA)	What Level of Feed Aflatoxin Does Not Inhibit Production in Sheep and Cattle?
09.20am - 09.40am	Rosalind Dalefield Food Standards Australia (FSANZ)	Comparative Toxicity of Echimidine and Lasiocarpine
09.40am - 10.00am	Jack Ng EnTox	In-Vitro Toxicity Evaluation of Water Samples from a Gold Mine and Nearby Rivers in Honiara, Solomon Islands
10.00am - 10.20am	Ross Sadler Griffith University	Improved Sanitation as a Means of Reducing the Risks Posed by Nitrate in Village Wells: A Study in Central Java
10.20am - 11.00am	<b>Morning Tea</b>	
<b>SESSION 4: Presentation of Submitted Papers</b>		
11.00am - 11.20am	Jackie Wright EnRiskS	Risk Communication and CSG
11.20am - 11.40am	Ruth Jarman EnRiskS	Exposure Assumptions for Contaminated Land HHRA: How Far is to Far?
11.40am - 12.00pm	Thomas McGrath RMIT University	Determining Polybrominated Diphenyl Ether (PBDE) Levels in Urban Soils of Melbourne, Australia
12.00pm - 12.20pm	Janet Cumming EnTox	THMs and Public Health
12.20pm - 13.30pm	<b>Lunch (Possible Poster Session)</b>	
<b>SESSION 5: Presentation of Submitted Papers</b>		
13.30pm - 13.50pm	Des Connell Griffith University	Health Risk Assessment on a Global Basis of Volatile Aromatic Hydrocarbons (VAHs) in the air of Residential Houses
13.50pm - 14.10pm	Giorgio De Nola Cardno	Trichloroethylene: Toxicological Reference Values for Site-Specific Risk Assessments and SAEPA Action Levels
14.10pm - 14.30pm	Vincent Lal EnTox	Towards Understanding the Uptake of Polycyclic Aromatic Hydrocarbons in Human Liver Cells
14.30pm - 14.50pm	Sasikumar Muthusamy EnTox	Flow Cytometry Based <i>in Vitro</i> Micronucleus Test for Genotoxicity Assessment of Environmental Chemicals
14.50pm - 15.10pm	Jean Meaklim Greencap	Personal Protective Clothing (PPC) Treated with Proban Exposure to Formaldehyde Through Skin and Inhalation
15.10pm - 15.30pm	<b>Afternoon Tea</b>	
15.30pm - 16.10pm	<b>ACTRA Student Prize Presentation</b>	
16.10pm - 16.30pm	<b>General Discussion/Close of Meeting Day 2</b>	

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