

world plumbing conference

MELBOURNE 2019

PRESENTED BY



CAROMA
SMART COMMAND

DELEGATE HANDBOOK

11-13 SEPTEMBER 2019
Melbourne, Australia

WEDNESDAY 11 SEPTEMBER

PLENARY

TIME	FOUR PILLARS OF PLUMBING: PRODUCTS
10.00	Registration and Exhibition Open
11.00	CONFERENCE OPENING, featuring Sir Peter Cosgrove, AK AC(Mil) CVO MC (Retd)
11.45	KEYNOTE ADDRESS: MARK PESCE, FUTURIST (AUS) More than just a series of tubes: the digital revolution and how it will supercharge your skills
12.30	Tradeshow Lunch
13.30	Intelligent plumbing – evolution of Smart Command Dr Steve Cummings, GWA Group (AUS)
13.50	The new European Unified Label for water and energy efficiency of products Prof. Armando Silva Afonso, ANQIP (POR)
14.10	Australia’s Water Efficiency Labelling and Standards (WELS) scheme – benefits and future directions Dr Carol Grossman, Department of Agriculture (AUS)
14.30	Piping Systems Destined for Failure Phil Woolhouse, PWH (AUS)
15.00	INTERVAL
15.15	The world of Standards: the emerging hydrogen economy Emelia Addo, Standards Australia (AUS)
15.35	Renewable Hydrogen Vikram Singh, Australian Gas Infrastructure Group (AUS)
15.55	Domestic Hydrogen Appliances for Decarbonising Heat in the UK James Ellery, Frazer-Nash Consultancy (UK/AUS)
16.30	DAY 1 CLOSE

WEDNESDAY 11 SEPTEMBER

WELCOME RECEPTION



**17.00 - 19.00 WELCOME RECEPTION @ THE GENERAL ASSEMBLY
PRESENTED BY MASTER PLUMBERS AUSTRALIA AND NEW ZEALAND**

The General Assembly is located just outside of the Convention Centre doors on the banks of the Yarra River.

Watch the sun go down and enjoy a beverage as you discuss all the events of the day.

The welcome function is included in all full delegate registrations and can be purchased as an additional ticket for day registrations.

THURSDAY 12 SEPTEMBER

PLENARY

TIME	FOUR PILLARS OF PLUMBING: PARTICIPATION & PROTECTION
8.00	Registration and Exhibition Open
9.00	WELCOME & FORMALITIES
9.10	KEYNOTE ADDRESS: MARK MCMANUS, UNITED ASSOCIATION (USA)
9.50	WorldSkills: Improving our world with the power of skills Grant Stewart and Jane Stokie, WorldSkills International & Alexey Evtiukhin, WorldSkills Russia (RUS)
10.20	Swiss training models and how we attract instructors Hans-Peter Kaufmann, Suissetec (SUI)
10.40	INTERVAL
10.55	Training for Today and Tomorrow Cara Reil, GWA Group (AUS)
11.15	The importance of quality plumbing training in Australia considering the implications on global public health Robert Funston and Richard Hutchinson, Chisholm Institute (AUS)
11.35	Licensing and Learning - The Singapore Experience Tan Wee Teck, Singapore Plumbing Society (SING)
12.00	Extended Tradeshow Lunch
13.30	Keynote address: Vanessa Robinson, The Chase and Tyler Foundation (AUS) The hidden danger: scald burn injuries from home hot water systems in Australia and NZ
14.05	Modern Regulation: tackling the problems of a rapidly changing world Martin Sawyers, Plumbing Drainlayers Gasfitters Board (NZL)
14.25	Compliance through Accountability – a South African Plumbing perspective Lea Smith, IOPSA (ZAR)
14.45	Legionella and other waterborne diseases, how to engineer the problems out, plus a case for controlling the temperature in drinking water David Harper, Public Health Consultant (Legionella) (UK)
15.05	INTERVAL
15:20	The Case for Mandutary Licensing in the UK: how lack of water regulations knowledge can lead to potential fatal situations Paul Daley, 'Captain Backflow' (UK)
15:45	National Strategic Plan for asbestos awareness and management 2019-2023 Including improving the quality of asbestos-related training Justine Ross, Asbestos Safety and Eradication Agency (AUS)
16.05	The hidden danger: scald burn injuries from home hot water systems in Australia and NZ Yvonne Singer, Victorian Adult Burn Service The Alfred (AUS)
16:35	DAY 2 CLOSE

FRIDAY 13 SEPTEMBER

PLENARY

TIME	FOUR PILLARS OF PLUMBING: PRACTICES
8:30	Registration and Tradeshow Open
9:00	WELCOME & FORMALITIES
9:10	Advocating for Water Efficiency, Safety and Research. How to discuss the needs and concerns that our stakeholders have with policy makers and how to develop public-private sector partnerships to address them Peter DeMarco, The IAPMO Group (USA)
9:30	Wastewater management - inspiring an environmental revolution Dr Markus Lenger, Water Futurist (USA)
9:50	Research and New Knowledge; Supporting the Four Pillars of Plumbing Prof Lynne Jack, Heriot-Watt University (UK)
10:10	Effective Risk Management – A Different Perspective Ryan Milne, ECOSAFE INTERNATIONAL (AUS)
10:30	INTERVAL
10:45	Practices in Plumbing and Achievement of Sustainable Development Goals Allan Dumalay, NAMPAP, Inc (PHL)
11:05	Who do we need to achieve SDG 6? Rosie Wheen, WaterAid (AUS)
11:25	Keynote Address: The 4Ps meet the SDGs Rob Gell, ReThink Sustainability
12:00	Closing remarks with Shayne La Combre
12:30	CONFERENCE CLOSE



PLUMBING & FIRE INDUSTRY
AWARDS

WORLD PLUMBING CONFERENCE 2019 GALA DINNER



WPC 2019 GALA DINNER - MELBOURNE ROOM, MCEC

PRESENTED BY CBUS

FRIDAY 13 SEPTEMBER, 6.30PM - MIDNIGHT

The WPC 2019 Gala Dinner is being held in conjunction with the annual Victorian Plumbing and Fire Industry Awards. This event is one of the highlights of the industry calendar, celebrating excellence in the plumbing and fire protection industries.

Excellent food and wine, fantastic entertainment and great company makes this an event you do not want to miss.

The gala dinner is a ticketed event and sales have now closed.

THURSDAY 12 SEPTEMBER

BREAKOUT SESSIONS

Legionella – brought to you by the Legionella Management Advisory Group (LMAG) and sponsored by ENWARE

9.15 – 12.30, ROOM 103

Risk mitigation and duty of care go hand in hand in the world of Legionella management. Knowing and understanding your cold and hot water infrastructure is paramount. If you know your system, you understand where the risks are. We are pleased to bring these two industry experts together for a deep dive into the issues surrounding legionella management

10am: **DAVID HARPER**, Public Health Consultant (UK)
The Engineering implications of Legionella and other water borne micro-organisms

10.40am: Morning Tea

10.55: **DR RICHARD BENTHAM**, Public and Environmental Health Microbiologist (AUS)

11.45 – 12.00 Q & A

Women in Plumbing presented by Master Plumbers Australia and New Zealand

13.30 - 16.30, ROOM 104

According to the ABS data, despite making some inroads in recent years, women still make up less than 2 per cent of those working in construction, engineering and automotive trades. Within that 2 per cent, female electricians outnumber female plumbers by about 3 to 1. There are fewer than 1000 qualified and practising female plumbers in Australia.

Keynote speakers: **SWATHI SARALAYA** and **LISA CUTLER**

Panelists:

PENNY CORNAH – Our industry in all its glory – what we've learnt

SUE EDDY – Leadership insights from a diverse career

KIMBERLEY SMYTH – Seizing the opportunity – what's stopping you?

LISA CUTLER – Gendersmarts

SWATHI SARALAYA – Skills Change Lives

FRIDAY 13 SEPTEMBER

BREAKOUT SESSIONS

Backflow Prevention Association of Australia

8.30 10.30, ROOM 103

Backflow Prevention Association of Australia (BPAA)
In one of Australia's largest cities, a person was poisoned and died from drinking water from the tap in the front yard of his home. He ingested an insecticide that was cross connected to his drinking water supply. The result could have been much worse. Had the insecticide entered the public water supply

in the street many people could have been affected. We have gathered four International Backflow prevention subject matter experts to discuss this and provide their insight as to how it can be prevented and how the water supplier can prepare themselves for similar incidents.

Keynote speakers: **RICHARD AITKEN, PAUL DALEY, STEPHEN JENNISON** and **ROBERT KNOWLES**.

These presentations will be immediately followed by a workshop on how to introduce and manage a backflow prevention policy, Cross Connection Control Program for water suppliers, Regulators and large water using sites like hospitals and universities.

NFIA Breakout session

9.00 – 11.45, ROOM 104

Featuring

ANDREW HICKMAN: Australian Fire Protection Industry Overview

WAYNE SMITH: Fire Protection Regulation in Australia

JEFF WOOD: Technical Analysis of Australian Fire Protection in High Rise Apartments

DAVID GREENWOOD: Looking to the Future: Victaulic Fire Protection Emerging Technology and Product

ROB THOMAS: Improving Building Fire Safety by Better Capture and Utilisation of Data

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PARTICIPATION



PRACTICES



PRODUCTS



PROTECTION

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