

# The Future of HVAC 2017 Conference Program

Day 1, Wednesday, September 13		
Time	Session	Speaker
8.30 – 9.00	Registration, arrival tea and coffee	
9.00 – 9.10	Day 1 welcome address	<b>Ian Harwood, M.AIRAH</b> AIRAH
9.10 – 9.55	<b>Conference keynote address</b>	<b>Rosemary Sinclair</b> Energy Consumers Australia
9.55 – 10.25	Intelligent (smart) buildings – whatever that means?	<b>Jonathan Clarke, M.AIRAH</b> Norman Disney & Young
10.25 – 10.55	Lessons for the future of Australian HVAC from Pilbara mining	<b>Peter Barry, M.AIRAH</b> BHP Billiton
10.55 – 11.25	Morning tea	
11.25– 11.35	Sponsorship address	<b>Actron Air</b>
11.35 – 12.35	<b>Panel session:</b> Shaping the path to net zero	Moderator: <b>Francesca Muskovic</b> , PCA <b>Jorge Chapa</b> , GBCA <b>Carlos Flores</b> , NABERS <b>Suzanne Toubmourou</b> , ASBEC
12.35 – 1.35	Lunch	
1.35 – 2.05	Smart buildings	<b>David Murray</b> Oberix
2.05 – 2.35	Benefits of the integration between heat pumps and food refrigeration systems for commercial applications – efficient energy recovery for near zero energy buildings	<b>Anthony Harrigan, M.AIRAH</b> CAREL Australia
2.35 – 3.05	The Female Future of HVAC – the why and how of bringing women into the HVAC industry	<b>Jenny Bailey</b>
3.05 – 3.35	Afternoon tea	
3.35 – 4.05	The future of building automation – Are we part of the problem or part of the solution?	<b>Laurie Reeves, M.AIRAH</b> Controlworks
4.05 – 4.35	NABERS indoor environment vs energy – how to excel in both	<b>Joe Scholz, M.AIRAH QED</b> Environmental Services
4.35 – 5.00	Day 1 Q&A Forum, open discussion and closing address	
5.00 – 7.00	Cocktail function	

# The Future of HVAC 2017 Conference Program

Day 2, Thursday, September 14		
Time	Session	Speaker
8.30 – 9.00	Registration, arrival tea and coffee	
9.00 – 9.10	Day 2 welcome address	<b>Tony Gleeson, M.AIRAH</b> AIRAH
9.10 – 9.55	<b>Conference keynote address</b> We Can Win This – A bird’s eye view of the best news on the planet	<b>Tina Perinotto</b> The Fifth Estate
9.55 – 10.25	Australian education building seeks passive house standard	<b>Tiffany Cheung and Jeff Robinson, Affil.AIRAH</b> Aurecon
10.25 – 10.55	The inconvenient costs of destruction	<b>Alan Fok, M.AIRAH</b> WSP Group
10.55 – 11.25	Morning tea	
11.25– 12.05	Engineering airflow for energy efficiency and effective cooling - CFD simulation of air distribution in air-conditioned spaces	<b>Prof Jianlei Niu</b> The University of Sydney
12.05 – 12.35	Proposed fan and pump system measures for NCC2019	<b>Tom Balme</b> Energy Action
12.35 – 1.35	Lunch	
1.35 – 2.35	<b>Panel session:</b> The cool path to get to net zero buildings	Moderator: <b>Alex Harrington, Bruce Precious, M.AIRAH</b> <b>Shane Esmore, Affil.AIRAH</b>
2.35 – 2.45	PRIME update – affordable heating and cooling innovation hub	<b>Phil Wilkinson, F.AIRAH</b> AIRAH
2.45 – 3.15	Afternoon tea	
3.15 – 3.45	Better Buildings Partnership – strategies to remove leasing barriers to net zero	<b>Claire Hashman</b> Dexus
3.45 – 4.15	Transcritical CO <sub>2</sub> refrigeration systems for building cooling and heating reduce energy and cooling water consumption, emissions and the legionella danger	<b>Klaas Visser</b> KAV Consulting
4.15 – 4.45	Using the IoT and cloud based analytics to maximise HVAC efficiency and occupant comfort and safety	<b>David Keightley</b> Ecospectral
4.45 – 5.00	Day 2 Q&A Forum, open discussion and closing address	
5.00 – 6.00	Cocktail function	