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Ecolibrium

Joining the dots

Data centre heat
rejection put to use.



The time is now

Exhibitors interested in being part of ARBS next year need to take action ASAP.



With bookings for ARBS 2018 having opened in July, space is selling fast. Australia's only international air conditioning, refrigeration and building services trade exhibition will be held from May 8–10 next year at the new International Convention Centre, Darling Harbour, Sydney.

Due to increased exhibitor interest over the past two shows, a massive 20,000m² has been booked for ARBS 2018 in Sydney, and more than 75 per cent of that space is now sold.

ARBS' first exhibition in Sydney since 2010 is expecting the largest ever attendance for the HVAC&R mega-event.

"Early demand has been amazing, and I definitely encourage potential exhibitors to book space soon to avoid missing out," says exhibition organiser Sue Falcke. "We knew it would be big, with so many exhibitors keen to show their new products to northern-based attendees who may not have been to an ARBS for some time, and we are obviously delighted with the response."

Running alongside the exhibition will be a seminar program providing leading-edge education, the latest case studies, regulatory updates and peer networking for HVAC&R, building services and refrigeration professionals and technicians. ■

Would you like to know more?

Go to arbs.com.au

A showcase for some amazing projects

The 2017 iteration of BIM-MEP^{AUS} shone the spotlight on some interesting work taking place around the country.



Some are describing this year's BIM-MEP^{AUS} as one of the best line-ups for the conference to date.

Almost 500 people attended the two-day event, held in Melbourne last month.

Says one delegate: "There were some great presentations about some amazing things being done in Australia in this space on some stunning projects in development."

One of the projects discussed was the world-leading Queens Wharf in Brisbane, the largest single development application in Queensland history.

Encompassing about 26.8 hectares of land and water in the south-west corner of the Brisbane CBD, the project has been described as "mind-boggling" in scope. ■



A finalist in this year's AIRAH Awards, Federico Tartarini, Stud.AIRAH, is a PhD candidate and associate research fellow at the University of Wollongong.

Responsibilities

The main aim of my PhD is to analyse the impact of indoor environmental quality factors on the quality of life and wellbeing of occupants – staff and residents – and agitated behaviours of residents in aged care and dementia facilities. One of the things I'm working on is development of the learning algorithms for self-commissioning of a BMS and models for performance prediction and reporting.

Specialty

I have specialised in thermal comfort and HVAC systems.

Passions

I am passionate about finding cost-effective and innovative solutions to reduce the environmental impact of buildings. Furthermore, I am also passionate about ensuring that buildings provide thermally comfortable conditions for all occupants, in particular for those with special requirements such as people with dementia, the elderly, and people with disabilities.

Challenges

One of the most challenging tasks of my job is to ensure that HVAC systems are correctly designed, tuned and operated to minimise the overall energy consumption of the building while ensuring that building occupants are thermally comfortable within their thermal environment.

Professional development

I attend national and international conferences, seminars and training courses.

Inspiring words

Determination and sustainability.

The future

My plans are to successfully complete my PhD degree; ensure that I deliver a good quality work as a research fellow; and to improve my technical and theoretical skills in the HVAC&R sector. ■