

CALL FOR SPEAKERS – ARBS 2020

Air Conditioning, Refrigeration and Building Services industry professionals are invited to submit abstracts for seminars, panels, and workshops to be delivered at ARBS 2020. The seminars will run during Australia's biggest international Air Conditioning, Refrigeration and Building Services (ARBS) exhibition to be held in Melbourne from 19-21 May 2020.

Two seminar programs will run in 2020;

- The **Speaker Series** delivering industry wide updates and forums on innovation and best practice
- The **IBTech Insight Series** focusing specifically on SMART Buildings and property technology

The ARBS 2020 call for speakers invites submissions on a range of subjects, including but not limited to:

SPEAKER SERIES

- Case studies (building and facilities) demonstrating innovation and best practice in HVAC&R
- Developments, research and global trends in HVAC&R including the latest industry innovations
- Emerging trends in building design; low carbon retrofit, sustainable design, designing for resilience/climate change, new roles in building design
- Emerging technologies, trends and innovations impacting FM
- Net Zero Buildings/Net Zero HVAC&R - net zero strategies, methodologies and tools, low energy HVAC approaches
- Refrigeration – technology innovations, refrigerant transition, net zero refrigeration, alternatives and non-vapour compression technology, global technology and outlook, training
- Regulatory and compliance requirements; building code transition, registration to certification, training
- Industry standards and rating tools; NABERS, Green Star, Living Buildings, WELL
- Indoor environments, IEQ versus Energy versus Productivity
- Energy efficiency, energy security, renewable energy, disruptive technologies

- Modular construction and onsite assembly – future trends
- HVAC&R maintenance – predictive maintenance, remote maintenance, data driven maintenance, digitising maintenance, maintenance for energy efficiency
- Data driven transitions, BIM & modelling, REVIT for design

INSIGHT SERIES (IBTech)

- Technological innovations in HVAC&R; IoT, data analytics, smart buildings, cloud services, automated fault detection
- Case studies – SMART Buildings, SMART retrofits, buildings in the pipeline
- Occupancy – emerging tech, user experience, managing occupant behaviour
- Use of data - privacy, ethics, social responsibility and data security
- Buildings as power stations - virtual batteries, demand reduction
- Data driven commissioning
- Blockchain in HVAC&R
- Emerging technologies, start-up tech, future trends (AI, AR, VR)
- Integrated communication networks
- Intelligent compliance - digital compliance tools, intelligent comfort, digital monitoring

The format can be a seminar, case study, panel session or workshop, between 30 and 75 minutes in duration.

Speaker submissions close at 5pm Friday 30 August 2019. Guidelines and submission forms are available for download at www.arbs.com.au, or can be emailed by sending a request to seminars@arbs.com.au