



# 2021 ANZ Seminar Series

## SURVIVAL OF THE FITTEST

Resilience now and into the future



2 Hour Sessions Online each Tuesday, 7 Sep 2021 – 5 Oct 2021



**EARLY BIRD**  
book before  
**18/8/2021**  
and  
**SAVE \$50**





### SERIES HIGHLIGHTS

-  Ten hours of CIBSE Certified CPD
-  Over ten presentations from industry experts
-  Five panel discussions
-  Session recordings for delegates
-  Virtual networking cafe



2020 has shown us that resilience is not just a long term planning consideration.

**The CIBSE Seminar Series this year will examine future trends in healthy building design and operation to design out the negative environmental impact of buildings and protect against the likelihood of extreme climate fluctuations whilst providing flexible working spaces for the future.**

-  What does potentially highly dynamic occupancy mean for performance in our commercial spaces?
-  What does the latest research into health and wellbeing tell us to improve defence against pandemic-type events?
-  What are the implications on changing insurance and liability implications for building owners?
-  How can our modelling tools be used to inform the impact of future climate conditions, impacts to ventilation requirements and bushfire & storm events?

This 2021 seminar series, comprising of five weekly 2-hour sessions, will explore these questions and round out with leading-edge University and Hospital case studies demonstrating best practice design that utilise Passive House and envelope performance solutions.



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### CONFIRMED SPEAKERS



**CHRISTHINA CANDIDO**

Director SHE Lab  
THE UNIVERSITY OF  
MELBOURNE



**STEPHANIE TAYLOR**

Infection Control  
Consultant  
HARVARD MEDICAL  
SCHOOL



**TONY DAY**

Energy Research  
Consultant



**JEFF ROBINSON**

Principal and  
Sustainability Consultant  
AURECON



**JACK NOONAN**

Vice President  
INTERNATIONAL WELL  
BUILDING INSTITUTE



**SIMON WITTS**

Principal Engineer  
LCI CONSULTANTS

## PROGRAMME DAY 1

### DAY 1 | MEGA TRENDS - HEALTH AND WELLBEING OF BUILDINGS

Tuesday 7 September | 12pm - 2pm AEST

12:00pm AEST	<b>Welcome and Introduction</b> Mark Crawford, CIBSE ANZ Chair
12:10pm AEST	<b>Trends Reshaping the Healthy Buildings Movement</b> Jack Noonan, VP Asia Pacific – International WELL Building Institute
12:40pm AEST	<b>Insurance and Liability Risks of Climate Change</b> Speaker 2: TBC
1:10pm AEST	<b>Panel Discussion: What is the ROI for healthy buildings and how do we measure this?</b> Panelists: TBC
1:40pm AEST	Q&A Session
2:00pm AEST	Virtual lounge and networking rooms open for 30 mins





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### PROGRAMME DAY 2 & 3

#### DAY 2 | RESEARCH INTO HEALTH AND WELLBEING OF OFFICES

Tuesday 14 September | 12pm - 2pm AEST

12:00pm AEST	<b>Welcome and Introduction</b> Speaker: TBC
12:10pm AEST	<b>From Nice-to-Have to Must-Have: Lessons from Productive and Healthy Workplaces</b> A/Prof Christhina Candido, Director - SHE Lab, The University of Melbourne
12:40pm AEST	<b>Buildings Are Our Best Medicine</b> Stephanie Taylor, MD, MArch, FRSPH(UK), CABE, ASHRAE D.L. Infection Control Consultant, Harvard Medical School
1:10pm AEST	<b>Panel Discussion: How do we build resilient workspaces while the pandemic ensues</b> Panelists: TBC
1:40pm AEST	Session Q & A
2:00pm AEST	Virtual lounge and networking rooms open for 30 mins.

#### DAY 3 | SAY IT, DON'T SPRAY IT

Tuesday 21 September | 12pm - 2pm AEST

12:00pm AEST	<b>Welcome and Introduction</b> Speaker: TBC
12:10pm AEST	<b>Understanding the Importance of Aerosol Movement for Buildings</b> Simon Witts, Principal Engineer at LCI Consultants
12:40pm AEST	<b>Planning for Future Pandemics – Christchurch Hospital Case Study</b> Mat Lensen, Associate Mechanical Engineer, Beca Richard Walsh, Technical Director Building Services Engineer, Beca
1:10pm AEST	<b>Panel Discussion: How to bring hospital grade management to offices, hotels and other building types</b> Panelists: TBC
1:40pm AEST	Session Q & A
2:00pm AEST	Virtual lounge and networking rooms open for 30 mins.





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### PROGRAMME DAY 4 & 5

#### DAY 4 | EMBEDDING RESILIENCE INTO DESIGN

Tuesday 28 September | 12pm - 2pm AEST

12:00pm AEST	<b>Welcome and Introduction</b> Speaker: TBC
12:10pm AEST	<b>Practical Challenges of Electrification</b> Prof Tony Day, BEng, PhD, CEng, FCIBSE, FEI Energy Research Consultant, Working Group Chair of CIBSE Briefing Paper <i>Electrical Engineering for Net Zero</i>
12:40pm AEST	<b>Presentation 2: TBC</b> Speaker 2: TBC
1:10pm AEST	<b>Panel Discussion: TBC</b> Panelists: TBC
1:40pm AEST	Session Q & A
2:00pm AEST	Virtual lounge and networking rooms open for 30 mins.

#### DAY 5 | A CASE OF EXCELLENCE

Tuesday 5 October 2021 | 12pm - 2pm AEDT

12:00pm AEDT	<b>Welcome and Introduction</b> Speaker: TBC
12:10pm AEDT	<b>Designing For Our Future – Achieving Net-Zero Carbon, All Electric Buildings Using Passive House Certification</b> Jeff Robinson, Principal and Sustainability Consultant at Aurecon
12:40pm AEDT	<b>An Exemplar case study of office buildings TBC</b> Speaker 2: TBC
1:10pm AEDT	<b>Panel Discussion: TBC</b> Panelists: TBC
1:40pm AEDT	Session Q & A
2:00pm AEDT	Virtual lounge and networking rooms open for 30 mins.

CLOSE





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## TOP TAKEAWAYS



1. Key building health interventions that are being driven in a post COVID world, and examples of how organisations in Australia and internationally are working through these trends.
2. Insurance implications for property owners and designers associated with failure to address an asset's risks related to climate change.
3. Findings from University of Melbourne research into productive and healthy workplaces, and how this can inform design and performance.
4. The use of Computational Fluid Dynamics (CFD), for the benefits of a holistic and bespoke approaches to services planning in Healthcare Facilities.
5. How to deliver a net-zero carbon, all-electric buildings on a conventional construction budget.



[Read more](#)

### WHO THIS SEMINAR DESIGNED TO INFORM

- Building and Operations Managers
- Building Monitoring and Modelling Engineers
- Building Services Engineers
- Commercial Property Owners
- Consulting Engineers
- Commercial Tenants
- Energy and Sustainability Managers
- Facilities Managers
- Government Employees
- Installation and Maintenance Contractors
- Property Managers
- Project Managers
- Those interested in how we can design and operate healthy and resilience buildings for now and into the future.





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### RATES

#### Early Bird until 17/08/2021

CIBSE or KINDRED  
ORGANISATION MEMBER  
\$129

NON-MEMBER \$199

#### Official Rate from 18/08/2021

CIBSE or KINDRED  
ORGANISATION MEMBER \$179

NON-MEMBER \$ 249

### STAY INFORMED AS A TEAM

**Group rate (3 or more tickets purchased together):**

Until 17/08/2021 \$129pp

From 18/08/2021 \$179pp



[CLICK HERE TO REGISTER](#)

### CONNECT WITH US

E: [secretary@cibse.org.au](mailto:secretary@cibse.org.au)

W: [www.cibse.org.au](http://www.cibse.org.au)

 [#2021CIBSESeminarSeries](https://www.linkedin.com/company/cibse/hashtag/2021CIBSESeminarSeries)



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