



ARC Training Centre for Advanced Building Systems Against Airborne Infection Transmission (Thrive)

THRIVE Future Buildings Forum

Friday, 27th October 2023, 10am-1pm (Melbourne Time)

VENUE: Room 5015, Level 5 in The Spot (Building 110), at 198 Berkeley St, The University of Melbourne, Carlton VIC 3053

ZOOM: <https://gvt.zoom.us/j/86218792272?pwd=ekNTQWVUUHhLajBQcVZTRTFTRGhxUT09&from=addon>

Meeting ID: 862 1879 2272 | Password: 887282

AGENDA

Start time	End time	Agenda
9:30am	10:00am	Coffee & Registration
10:00am	10:05am	Acknowledgement to Country (Lidia) Introduction to the Forum
10:05am	11:05am	Big Question 1: Displacement ventilation: Is this the future for our buildings? <ul style="list-style-type: none">• How does it work?• Is it used in Australia? Examples of Australian iconic buildings naturally ventilated.• Should all buildings in all climates be ventilated this way?• Filtration of outside air.• Any downsides of such ventilation? Is this the only solution to flow direction?• Cost compared to mixed ventilation; initial building cost and operation costs.• Energy requirements compared to mixed ventilation.
11:05am	11:20am	Coffee Break
11:20am	12:20pm	Big Question 2: Is hybrid ventilation of future buildings possible? <ul style="list-style-type: none">• Meaning: by opening windows when outdoor conditions are acceptable, but switching to mechanical when they are not.• Rationale for this type of buildings: humans long for contact with outdoor environment.• Which types of building buildings/climate are the best candidates for hybrid ventilation?• Should/can the change from one mode to another be BMS controlled, or user controlled?
12:20pm	12:25pm	Short 5 minute break
12:25pm	1:00pm	Big Question 3: Do we need new building technologies/knowledge to make transition to optimal building design possible?