



INTRODUCTION

The mission of CoolestSG is to catalyse co-development, between researchers and industries, of novel low-energy cooling technologies and/or passive/integrated designs. This is to ensure research knowhow and IPs are deployed and commercialised to enable energy, environment and land savings, within commercial buildings, data centres and the industrial sectors.

As part of this mission, CoolestSG invites all stakeholders from the industry, government agencies, institution of higher learning and research institutions to a roundtable event on cooling-related research and development and to an open discussion on needs and challenges, and potential public-private R&D collaboration over the next 5 years. For starters, CoolestSG has identified the following broad thematic areas:

- Thermal Energy Storage
- HVAC Machinery and Refrigeration including Chillers & Heat Pumps
- Ventilation and Passive Cooling
- Building Envelopes
- Integration with Renewable Energy Systems
- Separation of dehumidification and sensible cooling
- Hybrid Systems
- Measurement and Verification, Digitalisation of Energy Systems, BIM and AI
- Others

This roundtable will discuss the way forward on research and technology development. It will solicit feedback on future research undertakings.

PROGRAMME OUTLINE

- 1330 – Welcome Note & Sign-In
(Mr Peter Lindgren, Senior Manager, CoolestSG)
- 1335 – Opening address by NRF
(Dr Selin Teo, Deputy Director, NRF Integrated Programme Office)
- 1340 – Development of Research Direction
(Prof Lee Poh Seng, NUS)
BCA's Plan for Alternative Cooling
(Dr Gao Chun Ping, BCA)
- 1400 – Discussion on Research Ideas and Call for Submissions
(Moderator, Prof S.K. Chou, NUS, Chairman CoolestSG TC)
- 1515 – Summary and Conclusions
- 1530 – End of Event

DETAILS

Date: 17th July 2020, Friday

Time: 1330 - 1530 hours

Venue: Zoom

Who should attend:

Participants from the industry, government agencies, institution of higher learning and research institutions

Registration: The event is free but registration is required. Registration closes on 15th Jul 2020. Confirmed registrations will receive a meeting link will be sent one day before event.

Click [HERE](#) to register.

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