

Anonymous Attendee

Thanks for the presentation. My question is that what is the current problem for the solid desiccant utilization for cooling?

Darshi Dhaliwal

what is the specific power consumption Kw/TR?

Anonymous Attendee

Thinking about the cooling panels, if the diffusers are removed, how does that affect the air replacement rate? How much does the air flow for effective cooling exceed the recommended air replacement rate when utilizing standard cooling methods?

Kyle Gluesenkamp

For Forrest: how can we modify the psychrometric comfort map to adequately and intuitively account for radiative temperature?

Kyle Gluesenkamp

For Forrest: could you get condensation on, for example, clothing when in a high dewpoint environment with radiative cooling (in your Singapore prototype)?

21555dcf

Nice presentation. Can we say that today's air conditioning systems will be replaced in future?

Lingshi Wang

Regarding liquid desiccant and solid desiccant, which one is more feasible and promising?

Kyle Gluesenkamp

For David: how do you explain having a theoretical limit higher than Carnot?

Anonymous Attendee

Is the MMAC system only realistic both in necessary scale and cost for large buildings?

Darshi Dhaliwal

what is the specific power consumption Kw/TR? My question was for Eric.

Anonymous Attendee

How do you deal with the corrosion issue and potential crystallization of the liquid desiccant?

Tiger Aster

Dr. Marsh, an architect in Australia has a good Psych chart overlay for the Givoni Bio Climatic Chart. - You have to select the comfort overlay. <https://drajmarsh.bitbucket.io/psychro-chart2d.html>

Lingshi Wang

Is there any influence on the people's health by liquid desiccant carryover, such as in liquid desiccant fall?

Anonymous Attendee

Eric: could you introduce the energy storage density for the sorption based thermal energy storage?

Ross Anthony Bonner

Can anyone comment on direct solid-desiccant coated vapor compression systems? These systems improve COP by both increasing evaporator temp and reducing condenser temp since heat of adsorption/desorption is transferred directly to refrigerant.

Anonymous Attendee

What is the technical barrier for applying SSLC in more real buildings?