OPEN POSSIBILITIES.

Cooling Environments Track
# Cooling Environments Structure

## Advanced Cooling Solutions

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Company</th>
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<tbody>
<tr>
<td>Caleb Lusk</td>
<td>Rack and Power project co-lead</td>
<td>Rittal</td>
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<tr>
<td>Hamid Keyhani</td>
<td>Rack and Power project co-lead</td>
<td>Meta</td>
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<td>John Fernandes</td>
<td>Door Heat Exchanger project lead</td>
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<td>Sean Sivapalan</td>
<td>Cold Plate project lead</td>
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<td>Rolf Brink</td>
<td>Immersion project Co-Lead</td>
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<tr>
<td>John Bean</td>
<td>Immersion Project Co-Lead</td>
<td>GRC</td>
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## Data Center Facilities – Advanced Cooling Facilities

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Company</th>
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<tbody>
<tr>
<td>Don Mitchell</td>
<td>Advanced Cooling Facilities Co-Lead</td>
<td>Victaulic</td>
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<tr>
<td>John Menoche</td>
<td>Advanced Cooling Facilities Co-Lead</td>
<td>Vertiv</td>
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</tbody>
</table>
Cooling Environments Structure

ADVANCED COOLING SOLUTIONS
- Door Heat Exchanger
  Lead: John Fernandes
- Cold Plate
  Lead: Sean Sivapalan
- Immersion
  Co-Leads: Rolf Brink, John Bean

RACK & POWER
Co-Leads: Caleb Lusk/Hamid Keyhani

DATA CENTER FACILITIES
Co-Leads: Bret Lehman, Madhusudan Iyengar

ADVANCED COOLING FACILITIES
Co-Leads: Don Mitchell/John Menoche
Agenda part 1: ITE Liquid Solutions

8:10 am
Immersion Community Update
By Rolf Brink, John Bean

8:20 am
Immersion Requirements Rev2
By Rolf Brink

9:00 am
Material Compatibility Project update
By John Bean, Punith Shivaprasad

9:25 am
The circular economy meets immersion cooling: an integrated OCP...
By Andy Young, Erik Riedel

10:00 am
PANEL: One Year of Two Phase (2P) Immersion Cooling in the Cloud...
By Husam Alissa, Ioannis Manousakis, Mark Shaw, Phillip Tuma, Simon Chen, Ashish...

10:25 am
Cold Plate Project Overview
By Sean Shivapalan
Agenda part 1: ITE Liquid Solutions

10:35 am
Developing a Mobile Cart for Datacenter Fluid Servicing
By Jordan Johnson, Saurabh Kulkarni

11:00 am
Universal Quick Disconnect Blind-Mate Fluid Connector Development
By Mark Sprenger, Jordan Johnson

11:25 am
ACS Door Heat Exchanger Sub-Project Updates - Requirements, Co...
By John Fernandes, Juan Carlos Cacho Alonso

1:00 pm
Immersion Cooling- Equipment Certification approach and Safety C...
By Michael Sakamoto
Agenda part 2: Facilities & Logistics

1:20 pm
Cooling Environments Open Discussion
By Don Mitchell, John Gross, John Musilli

2:00 pm
PANEL: Data Center Liquid Distribution Guidance & Reference Desi...
By John Menoche, John Gross, John Musilli, Don Mitchell

3:00 pm
Risk and Reward: How to Mitigate Liquid Cooling Concerns in Adv...
By Fred Rebarber, Matthew Archibald

3:25 pm
PANEL: OCP ACF - Guidelines for Connection of Liquid Cooled ITE
By John Menoche, John Gross, John Musilli, Don Mitchell

4:00 pm
Liquid cooling Integration & Logistics
By Nigel Gore, Matthew Archibald

4:25 pm
Introducing advanced cooling solutions into existing data centers: ...
By Yueming Li, Kiran Somanchi, Dennis Trieu

OPEN POSSIBILITIES.
Call to Action

• **More information ACS and ACF**, including contact info, mailing lists, call schedules and call recordings:
  https://www.opencompute.org/wiki/

• **Subscribe to mailing lists:**
  https://ocp-all.groups.io/g/main

• **Direct links:**
  - ACS Wiki, ACS Mailing List
  - Door HX Wiki, Door HX Mailing List, Bi-weekly community calls
  - Cold Plate Wiki, Cold Plate Mailing List, Monthly community calls
  - Immersion Wiki, Immersion Mailing List, Monthly community calls, weekly project calls
  - ACF Wiki, ACF Mailing List, Weekly community calls
Open Discussion