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Cooling Environments Track



OCP
GLOBAL
SUMMIT

NOVEMBER 9-10, 2021

Cooling Environments Structure

Advanced Cooling Solutions

Caleb Lusk	Rack and Power project co-lead	Rittal
Hamid Keyhani	Rack and Power project co-lead	Meta
John Fernandes	Door Heat Exchanger project lead	Meta
Sean Sivapalan	Cold Plate project lead	Intel
Rolf Brink	Immersion project Co-Lead	Asperitas
John Bean	Immersion Project Co-Lead	GRC

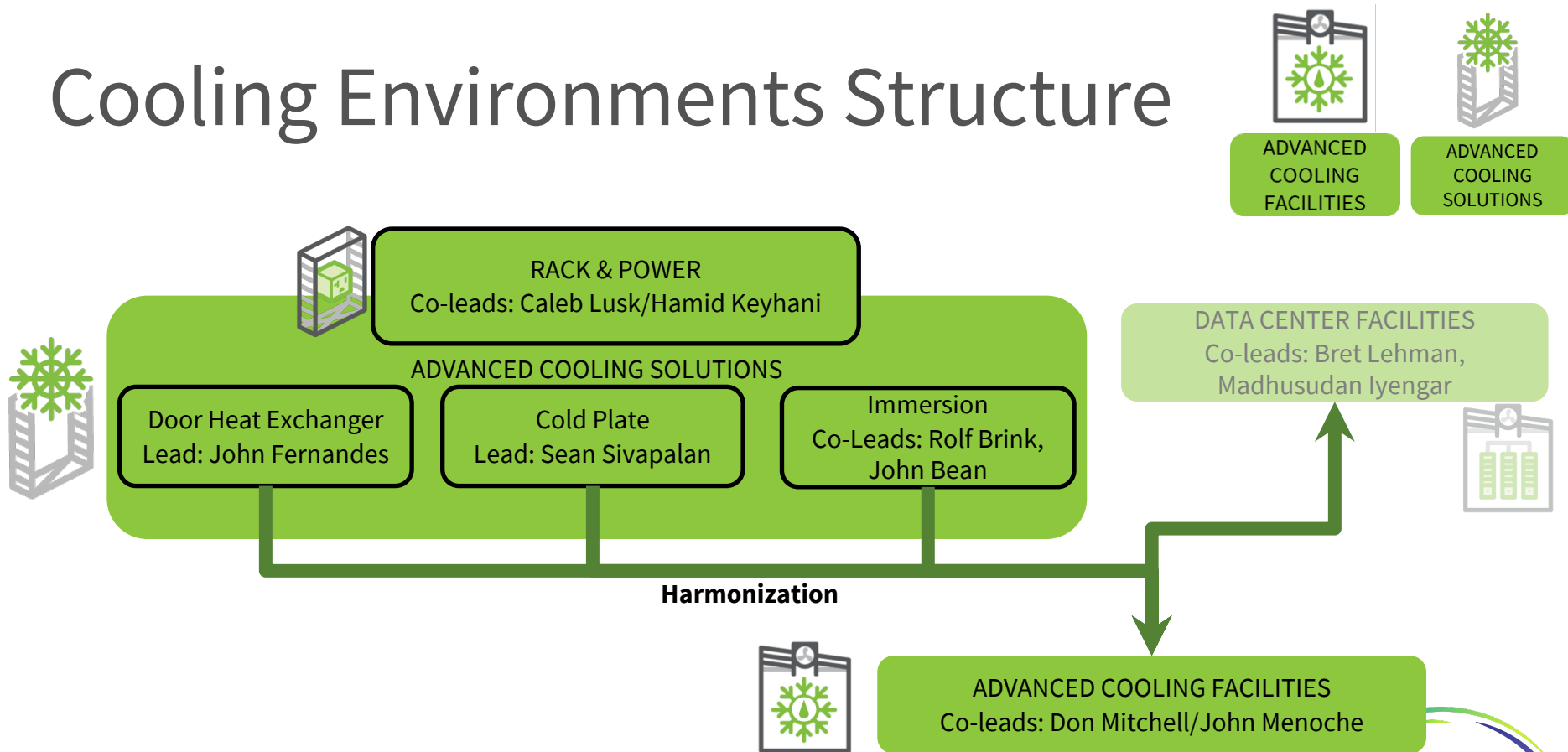
Data Center Facilities – Advanced Cooling Facilities

Don Mitchell	Advanced Cooling Facilities Co-Lead	Victaulic
John Menoche	Advanced Cooling Facilities Co-Lead	Vertiv

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Cooling Environments Structure



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Agenda part 1: ITE Liquid Solutions



ADVANCED
COOLING
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 Clou...

By Husam Alissa, Ioannis Manousakis, Mark Shaw, Phillip Tuma, Simon Chen, Ashish ...

10:25 am

Cold Plate Project Overview

By Sean Sivapalan

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Agenda part 1: ITE Liquid Solutions



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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 Developme...

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

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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 Adva...

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



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SOLUTIONS



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Call to Action

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- **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

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Open Discussion



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