

AIRSHIPS TO THE ARCTIC 2023

Airship Corridors and
Gateways to the Arctic

May 30 to May 31, 2023

9:00 AM – 11:30 PM CDT

Thursday, May 30 – The Demand for Cargo Airships in the North

9:00 AM | AIRSHIP CORRIDORS AND GATEWAYS

Cargo Airship Strategy For Northern Canada

Barry Prentice, Canadian Arctic Innovation Association

CHAIR: DR. KELSEY TAYLOR

9:30 AM | NORTHERN DEMANDS FOR AIRSHIPS

Critical Minerals – Development Opportunities

Andrew Ghattas, Critical Minerals Centre of Excellence

Housing Demand

Ross Prentice, BASI

Airships for Northern Transport in Canada

Gage Van Alstyne, Gillam Aviation Fuel

CHAIR: DR. PAUL LARSON

10:30 AM | POWER SYSTEMS

Solar Power Systems

Christoph Pflaum, Friedrich-Alexander Universität Erlangen-Nürnberg

Hydrogen Fuel Cells

Kimberley L. Leach, Ballard Power Systems

Megawatt Generators

Rolando Ayala and Cristian Anghel, Honeywell Aerospace

11:25 AM | CLOSING REMARKS



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Wednesday, May 31 – The Supply of Cargo Airships in the World

CHAIR: DR. BARRY PRENTICE

9:00 AM | MARKET OVERVIEW

The Big Picture

Eli Dourado, Utah State University

9:30 AM | AIRSHIP DEVELOPMENTS

Airlander Hybrid Aircraft

Tom Grundy, Hybrid Air Vehicles

FLYING CARE Mobile Hospital

Octave Jolimoy, FLYING WHALES

CHAIR: DR. NARENDRA MALALGODA

10:45 AM | HYDROGEN TECHNOLOGY

Hydrogen Applications and Future Uses

Matthew Klippenstein, Canadian Hydrogen and Fuel Cell Association

Legal Status of Lifting Gases

Austin Brittenham, University of Mississippi

11:25 AM | CLOSING REMARKS

