

2024 ASEC VIRTUAL WORKSHOP SERIES

BETTING BIG: INVESTING IN EMERGING ENERGY TECHNOLOGY

WORKSHOP AGENDA

TUESDAY, MAY 7

8:30 AM AKT | **Welcome & Housekeeping**

- **Brittany Smart**, Energy Transitions Initiative Coordinator, Alaska Center for Energy and Power

8:40 AM AKT | **Efficient Energy Research: Building an Advanced Language Model and Interface**

- **Dhaha Nur**, DevOps Engineer, Alaska Center for Energy and Power
- **Najib Rafah Haidar**, Student, University of Washington
- **Gerald Ichiro Nakata**, Student, University of Washington
- **Aaron Zi-Peng Hong**, Student, University of Washington
- **Akash Shetty**, Student, University of Washington
- **Whitney Waldinger**, Student, University of Washington

9:15 AM AKT | **The Role of AI: Opportunities & Considerations**

- **Leslie Canavera**, Chief Executive Officer, PolArctic
- **Richard Lum**, Chief Executive Officer, Vision Foresight Strategy, LLC
- **Clay Koplín**, Chief Executive Officer, Cordova Electric Cooperative, Inc.

10:00 AM AKT | **Break**

10:15 AM AKT | **Digital Twins: Where to Start**

- **Jay Byam**, Chief Executive Officer, Kartorium

11:00 AM AKT | **Case Study: H2 Deployments & Blending**

- **Laurent Nassif**, Adjunct Faculty, Alaska Center for Energy and Power

12:00 PM AKT | **Closing Remarks**

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WEDNESDAY, MAY 8

8:30 AM AKT | **Welcome Back!**

- **Brittany Smart**, Energy Transitions Initiative Coordinator, Alaska Center for Energy and Power

8:35 AM AKT | **Krafla Magma Testbed: A Vision for Advancing Geoscience**

- **John Eichelberger**, Professor Emeritus, Alaska Center for Energy and Power

9:15 AM AKT | **Welcome Remarks from Governor Mike Dunleavy**

9:30 AM AKT | **The Rural Alaska Experience: Innovation vs. Emerging Tech**

- **Katie Conway**, Energy & Bulk Fuel Program Manager, Denali Commission
- **Brian Hirsch**, Founder and Chief Operating Officer, DeerStone Consulting
- **Toniqua Hay**, Office of Clean Energy Demonstrations Stakeholder Engagement Lead, Energy Improvement in Rural or Remote Areas, U.S. Department of Energy
- **Dave Messier**, Infrastructure Division Director, Tanana Chiefs Conference

10:15 AM AKT | **Break**

10:30 AM AKT | **Grid Forming Inverters in the Real World**

- **Mariko Shirazi**, Research Professor, University of Alaska Fairbanks
- **Brad Rockwell**, Chief of Operations, Kaua'i Island Utility Cooperative
- **Julia Matevosyan**, Chief Engineer, Energy Systems Integration Group
- **Ulrich Muenz**, Principal Key Expert Advanced Control & Optimization, Siemens Corporation, Technology

12:00 PM AKT | **Closing Remarks**