2013 USAEE Conference Program

SUNDAY, JULY 28

Registration
12:00n - 7:00pm • Outside Whitby Room - Lower Lobby

USAEE Council Lunch (By Invitation)
12:00n - 1:00pm • Club Room II - Tower 1, 10th Floor
Sponsored By: Northern Economics

USAEE Council Meeting
1:00pm - 4:30pm • Quarter Deck - Tower 1, 10th Floor

Opening Reception
6:00pm - 7:30pm • Quarter Deck - Tower 1, 10th Floor

Networking Dinners
7:30pm - 9:30pm Cost not included in conference registration; sign up during Opening Reception.

MONDAY, JULY 29

Registration
7:00am - 7:00pm • Outside Whitby Room - Lower Lobby

Continental Breakfast
7:30am - 8:30am • Fore Deck Room
Sponsored By: ConocoPhillips

Student Breakfast Meeting
7:30am - 8:30am • Quarter Deck - Tower 1, 10th Floor
Sponsored By: Chevron

Presider's Huddle
8:10am - 8:25am • Easter Island Room - Lower Lobby

Welcome and Introduction
8:30am - 9:00am • Mid Deck Room

Senator Murkowski
Watch Video
Opening Plenary Session: Energy Development in the Arctic
9:00am - 10:30am • Mid Deck Room

Benjamin Schlesinger
President, Benjamin Schlesinger & Assoc LLC
Fran Ulmer
Chair, U.S. Arctic Research Commission
Admiral Tom Barrett, USCG (ret.)
President, Alyeska Pipeline Service Company
Roland R. George
Board Member, National Energy Board

This session focuses on the geopolitical aspects of Arctic energy development. Important issues include potential energy resources of the Arctic Offshore, competing claims to the Outer Continental Shelf, the Law of the Sea Treaty and future U.S. participation, onshore transportation, the risks of oil spills and other pollution, and international cooperation in dealing with issues and events.

Coffee Break
10:30am - 11:00am • Discovery Ballroom Foyer
Sponsored By: Northrim Bank

Concurrent Sessions 1 - 7
11:00am - 12:45pm

Awards Lunch
12:45pm - 2:30pm • Fore Deck Room and Whales Tail Restaurant

John R. 'Jack' Roderick (Keynote Speaker)
Author, Crude Dreams: A Personal History of Oil and Politics in Alaska
"A Short History of the Development of the Oil Industry in Alaska"
USAEE Adelman Frankel Award presented to: Rice University's Baker Institute Center for Energy Studies

Video (part 1/2)
Video (part 2/2)

Dual Plenary Session: Natural Gas Markets
2:30pm - 4:00pm • Mid Deck Room

Nick Szymoniak (Presiding)
Project Economist, Alaska Energy Authority
Larry Persily
Federal Coordinator, Alaska Natural Gas Transportation Projects
Natural gas production and trade is fragmented into many regional markets that often have completely independent pricing. The largest markets are in North America, Europe, and the Asia Pacific region and each has widely different prices.

Dual Plenary Session: Isolated / Dedicated Power Grids: Making Them Work
2:30pm - 4:00pm • Aft Deck Room

D. Douglas Johnson (Presiding)
Director of Business Development, Ocean Renewable Power Company
Steve Gilbert
Senior Project Manager, Alaska Village Electric Cooperative (AVEC)
Marc Mueller-Stoffels
Lead Researcher for Wind-Diesel Applications Center and Hybrid Applications Testbed, Alaska Center for Energy and Power (ACEP)
Brian Hirsch
Senior Project Leader, Alaska Initiative, National Renewable Energy Laboratory (NREL)
D. Douglas Johnson
Director of Business Development, Ocean Renewable Power Company

Alaska is home to hundreds of isolated power grids, with unique electric supply and demand profiles creating difficult integration problems demanding new innovations and solutions. Similar isolated power grids exist throughout the world and much benefit would come from increased sharing of experiences.

Coffee Break
4:00pm - 4:30pm • Discovery Ballroom Foyer

Concurrent Sessions 8 - 14
4:30pm - 6:15pm

USAEE Chapter Leadership Meeting
5:15pm - 6:15pm • Club Room I - Tower 1, 10th Floor

Poster Session and Networking Reception
6:30pm - 8:00pm • Fore Deck Room
Sponsored By: Anchorage Association for Energy Economics, USAEE and SPE International - Alaska Petroleum Section

Student Reception
8:00pm - 10:00pm • Snow Goose Address:
TUESDAY, JULY 30

Registration
7:00am - 6:30pm • Outside Whitby Room - Lower Lobby

Energy Journal Board of Editors Meeting (BY INVITATION)
7:30am - 8:30am • Club Room I - Tower 1, 10th Floor

Continental Breakfast
7:30am - 8:30am • Fore Deck Room

Presider's Huddle
8:10am - 8:25am • Easter Island Room - Lower Lobby

Concurrent Sessions 15 - 20
8:30am - 10:15am

Coffee Break
10:15am - 10:45am • Discovery Ballroom Foyer

Dual Plenary Session: Unconventional Oil and Gas Development
10:45am - 12:15pm • Mid Deck Room

Kenneth B. Medlock III
Senior Director, Center for Energy Studies, Baker Institute, Rice University
William Furlow
Senior Manager Business Development and Planning, Society of Petroleum Engineers
Billy W. Harris
Sr. Petroleum Engineer, Wagner & Brown Ltd.
Gurcan Gulen
Senior Energy Economist, Center for Energy Economics, Bureau of Economic Geology, University of Texas
Benjamin Schlesinger
President, Benjamin Schlesinger & Assoc LLC

Unconventional resources - shale oil, shale gas, oil sands, etc. - have altered the international energy landscape in a relative short period of time.

Dual Plenary Session: Managing Resource Wealth
10:45am - 12:15pm • Aft Deck Room
The ways that governments manage resource revenues and distribute them among citizens can affect the size and structure of regional economies and change the distribution of income and wealth.

Watch Video

Awards Lunch
12:15pm - 2:00pm • Fore Deck Room and Whales Tail Restaurant

Mark J. Finley (Keynote Speaker)
General Manager, Global Energy Markets and U.S. Economics, BP
"2013 BP Statistical Review of World Energy"

Tribute to Tony Finizza
Tribute Notes - Presentation

USAEE Senior Fellow Awards presented to Arnold B. Baker, Mark Finley and Gurcan Gulen

Concurrent Sessions 21 - 26
2:00pm - 3:30pm

Coffee Break
3:30pm - 4:00pm • Discovery Ballroom Foyer

Dual Plenary Session: Petroleum Fiscal Regimes
4:00pm - 5:30pm • Mid Deck Room

Roger Marks (Presiding)
Principal, Roger Marks & Associates

Marianne Kah
Chief Economist, ConocoPhillips

Irena Agalliu
Managing Director, IHS CERA
Matthew Foss  
Associate Branch Head, Economics and Markets, Department of Energy, Government of Alberta  
There are widely different goals and strategies between sovereign jurisdictions for collecting rents from petroleum production. And there are vastly different ways government take materializes, with variations in form and timing of take, and risk-sharing for price, geology, and costs.

Dual Plenary Session: Industrial Energy Use and Efficiency  
4:00pm - 5:30pm • Aft Deck Room

Leah Cuyno (Presiding)  
Senior Economist, Northern Economics Inc
Skip A. Laitner  
Principal and Independent Consultant, Economic and Human Dimensions Research Associates
Karen Matthias  
Managing Consultant, Council of Alaska Producers
Jeff Rickert  
Deputy Director, AFL-CIO Working for America Institute

Industry plays a critical role in a region’s energy system and economy. Industrial production remains the main engine of economic output in most regions. The industrial sector is also a large consumer of energy.

USAEE General Membership Meeting  
5:30pm - 6:00pm • Mid Deck Room

Reception: Alaska Native Heritage Center  
6:30pm - 9:30pm • ANHC Address: 8800 Heritage Center Drive, Anchorage, AK 99505

Light hors d’oeuvres and drinks served. Buses will begin loading at 6:00 pm at the hotel side entrance (I Street). Transportation will be provided to and from the Reception. There is plenty of parking at the ANHC should you wish to drive yourself. Note, you must bring your name badge as well as drink tickets with you to attend this event.

WEDNESDAY, JULY 31

Registration  
7:00am - 2:00pm • Outside Whitby Room - Lower Lobby

Continental Breakfast  
7:30am - 8:30am • Fore Deck Room
2014 NYC International Conference Planning Meeting
7:30am - 8:30am • Club Room II - Tower 1, 10th Floor

Presider's Huddle
8:10am - 8:25am • Easter Island Room - Lower Lobby

Dual Plenary Session: Developments in Electricity Generation and Distribution
8:30am - 10:00am • Mid Deck Room

David Newbery (Presiding)
President, IAEE and Director, EPRG, University of Cambridge
G. Scott Samuelsen
Professor, Advanced Power and Energy Program, University of California-Irvine
Meera Kohler
President and CEO, Alaska Village Electric Cooperative
David Newbery
President, IAEE and Director, EPRG, University of Cambridge
Smart grids and appliances, technical and financial integration of alternative energy sources into existing power grids. Technology and regulation for isolated electricity systems.

Dual Plenary Session: Arctic Transport: Technology and Opportunities
8:30am - 10:00am • Aft Deck Room

Douglas B. Reynolds (Presiding)
Professor of Economics, University of Alaska Fairbanks
Lawson Brigham
Distinguished Professor of Geography and Arctic Policy, University of Alaska Fairbanks
Alex Iyerusalimskiy
Marine Engineering Lead, ConocoPhillips
Patricia Cochran
Executive Director, Alaska Native Science Commission
The melting sea ice in the Arctic Ocean increases the potential for marine transportation and resource development. Ice-breaking tankers, pipeline developments in the Artic, and Arctic LNG.

Coffee Break
10:00am - 10:30am • Discovery Ballroom Foyer

Concurrent Sessions 27 - 29
10:30am - 12:00n
Closing Plenary Session: The Interconnection Between Industry and Government
12:00n - 1:30pm • Mid Deck Room

Shirley J. Neff (Presiding)
Senior Advisor to the Administration, Energy Information Administration

Branko Terzic
Executive Director, Deloitte Center for Energy Solutions

Ethan Schutt
Senior Vice-President for Land and Energy, Cook Inlet Regional, Inc.

Michael E. Canes
Distinguished Fellow, Logistics Management Institute

Incentives, subsidies, regulation, publicly utility price regulation with limited buyers and sellers. Who should be responsible for infrastructure development to support resource projects?

Workshop: Methane Hydrates
1:45pm - 5:15pm • Fore Deck Room
Sponsored By: Rice University's Baker Institute Center for Energy Studies

Christopher A. Smith (Presiding)
Principal Deputy Assistant Secretary and Acting Assistant Secretary, Fossil Energy, U.S. Department of Energy

Brian Anderson
NETL-RUA Faculty Fellow and GE Plastics Professor in Chemical Engineering, Statler College of Engineering and Mineral Resources, West Virginia University

Ray Boswell
Technology Manager, Natural Gas Technology, U.S. Department of Energy

The primary goal of the workshop is to inform engineers & energy economists, policy makers, legal practitioners, regulators and energy market analysts of some of the technical issues surrounding the development of gas resources in methane hydrates.