



# TECHNOLOGY CONFERENCE

ANCHORAGE, ALASKA • 15-18 OCTOBER 2007

— *An International Polar Year Event* —



# INTRODUCTION

The Arctic Energy Summit's Technology Conference, hosted by the U.S. Department of State and set for 15-18 October 2007 in Anchorage, Alaska, is the premier energy conference of the International Polar Year, focusing on the Arctic as an emerging energy province. For four days, energy experts from around the Far North, along with those from outside the Arctic region, will discuss, debate and collaborate on energy challenges and opportunities in the extractive and renewable fields, as well as tackling how to provide affordable energy to the Arctic remote communities.

As one of the 228 approved IPY projects, the summit is also sanctioned by the eight-nation Arctic Council. At the request of the State Department through the Arctic Council, Anchorage-based Institute of the North has been tasked to organize this critical dialogue.

The Arctic is home to more than 25% of the planet's undiscovered reserves of oil and natural gas. Yet, much of the Arctic region is remote, sparsely populated and harsh with fragile terrestrial and aquatic ecosystems. Any discussion of the Arctic and the polar regions would be remiss if there was no consideration of the extensive oil and gas development occurring in Alaska, the Russian Far East and Siberia, Canada and the Barents Sea, as well as the need for affordable energy in the remote rural areas within these regions. In addition, there appear to be many unique renewable energy resources within the Arctic, many of which are untapped.

The summit is comprised of three components. In addition to the technology conference, this two-year project includes:

- An educational outreach component designed to be implemented through a bilingual (English/Russian) Arctic energy website, [www.arcticenergysummit.org](http://www.arcticenergysummit.org). Upon securing adequate levels of funding, other educational activities may include: funding undergraduate and graduate research work in the areas of Arctic energy and power; a graduate level Arctic energy course; and the development of a web-based and interactive Arctic energy atlas that will include traditional extractive energy resources, as well as non-traditional renewable energy sources.
- The creation and recommendations of an international Arctic energy action team assigned to develop a roadmap for the enhancement of extractive energy recovery in the Arctic, the expanded use of renewable and hybrid energy sources and the deployment of economical and environmentally sensitive energy sources to rural Arctic communities.

The summit supports the IPY aim of utilizing the intellectual resources and scientific assets of Arctic nations to make major advances in polar knowledge and understanding, while creating a legacy of new or enhanced observational systems, facilities and infrastructure. Arguably, the most important legacies will be a new generation of polar scientists and engineers, as well as an exceptional level of interest and participation from polar residents, students, the general public and decision-makers worldwide.



# AGENDA MONDAY

Time	Event
0800-0900	Registration
0900-0930	Opening Ceremony and Introductory Comments
0930-1000	Welcome - Alaska Governor Sarah Palin (invited) Welcome - U.S. Senator Lisa Murkowski (invited)
1000-1030	Arctic Council Odd Roger Enoksen (invited) Norwegian Minister of Petroleum and Energy
1030-1100	<b>B R E A K</b>
1100-1130	Assistant Secretary of State Daniel Sullivan (confirmed) U.S. Department of State
1130-1200	Dr. Evgeny Velikhov (invited) President, Kurchatov Institute
1200-1230	Doug Suttles (tentative) President, BP Exploration Alaska
1230-1400	<b>L U N C H</b> Keynote Speaker Andrew Revkin, New York Times (confirmed)
1400-1430	Hon. Gary Lunn (invited) Minister of Natural Resources Canada
1430-1500	Speaker to be determined
1500-1530	Hon. Olafur Ragnar Grimsson (invited) President, Iceland
1530-1600	<b>B R E A K</b>
1600-1630	Speaker to be determined
1630-1700	Roundtable Discussion (moderated)
1700-1730	
1900-2100	<b>OPENING BANQUET - ANCHORAGE MARRIOTT HOTEL</b>



**Sarah Palin**  
(invited)  
**Alaska Governor**

Sarah Palin was elected Governor of Alaska in 2006. Under the governor's leadership this spring, the State Legislature passed the Alaska Gasline Inducement Act. In explaining AGIA, the governor has said: "Our plan focuses on what's best for Alaskans: beginning with an open and transparent

process, followed through with absolute must-haves for Alaskans and a strong commitment to low tariffs, while maintaining focus on becoming a viable and significant player in the nation's energy plan."

She has served as chairman of Alaska's Oil and Gas Conservation Commission, as well as on the Interstate Oil and Gas Compact Commission.



**Lisa Murkowski**  
(invited)  
**U.S. Senator**

U.S. Senator Lisa Murkowski is the first Alaskan-born Senator to serve the State. A member of the Senate Energy and Natural Resources Committee, Senator Murkowski is the ranking member on the Energy Subcommittee. She also serves on the Senate Foreign Relations committee where she

is ranking member for the subcommittee on East Asian and Pacific Affairs. Additionally, she is a member of the Indian Affairs Committee and the Senate Health, Education, Labor and Pensions Committee.

She has stated that "our energy policy in the United States must continue to be aggressive in promoting new energy development, conservation and efficiency."



**Dan Sullivan**  
(confirmed)  
**Assistant Secretary of State**

Dan Sullivan is the Assistant Secretary of State for the Bureau of Economic, Energy and Business Affairs. He previously was a member of the National Security Council/National Economic Council staff at the White House where he served as a Director and Acting Senior Director in the International Economics Directorate.

In his conformation statement before the U.S. Senate Foreign Relations Committee, Sullivan pledged to continue the focus on seven key initiatives including "promoting U.S. and global energy security by working with partner countries and seeking to diversify energy resources."



**Andrew Revkin**  
(confirmed)  
**New York Times**

In an illustrated presentation and live web video "visit," Andrew Revkin, of The New York Times, will attempt to demystify global and Arctic warming, cutting through the overheated rhetoric of catastrophe and hoax that has permeated recent environmental debates. In three Arctic trips since 2003 -- to the North Slope,

Greenland and the North Pole -- he has deeply probed the science pointing to big environmental changes and evidence of a human contribution. Revkin also will discuss findings from a prize-winning series and documentary he spearheaded showing how companies and countries were already looking for opportunities amid the ice retreat.

# AGENDA TUESDAY

Time	Room 1	Room 2	Room 3	Room 4	Room 5
0900-0930	Extractive - 01 AMAPS - Energy Resources in the Arctic	Extractive - 07 Low-sulfur Coals of Arctic Alaska: A Vast Undeveloped Energy Resource	Renewable - 01 Geothermal Potential in the Arctic	Rural - 05 Interhemispheric Tunnel & Rail Group Proposal	Renewable - 06 Biomass Power Generation for Rural Applications Using Binary Power Plant Equipment
0930-1000	Extractive - 02 Global and Alaskan Oil Demand and Supply	Extractive - 08 Creation of Technology for Utilization and Recovery of Coal Seam Methane	Renewable - 02 Geothermal Options for Alaska - an Undervalued Resource with Significant Potential	Sustainable - 07 Aerospace Information Management	Renewable - 07 Fish Oil as an Alternative Fuel for Conventional Combustors
1000-1030	Extractive - 03 Experience of Mastering the Oil and Gas Potential in the Khanty-Mansiysk	Extractive - 09 Methane Hydrate Resource Potential Associated with the Barrow Gas Fields	Renewable - 03 An Integrated Geoscience and Geothermal Exploration of Chena Hot Springs	Sustainable - 08 Arctic Energy and Cumulative Effects: Growing Demands	Rural - 06 Heat Recovery from Diesel Exhaust for Alaskan Village Diesel Generators
1030-1100	B R E A K				
1100-1130	Extractive - 04 Exploration Results in the Arctic Islands	Extractive - 10 Experimental Investigation of Relic Gas Hydrates Formation in Frozen Sediments	Renewable - 04 Renewable Energy Development in the Aleutian Pribilof Islands	Panel Session 4 Shipping Options for the Arctic	Rural - 07 Load and Temperature Profiling for Diesel Electric Generators in Rural Alaska
1130-1200	Extractive - 05 Hydrocarbon Systems Basin Analysis: Bristol Bay	Extractive - 11 Development of Methods for Hydrate Fields Exploitation	Renewable - 05 Economic Impacts of Climate Variability in the Arctic: The Case of Hydropower	Panel Session 4 Shipping Options for the Arctic	Rural - 08 Wind-Diesel Systems for Isolated Arctic Communities
1200-1230	Extractive - 06 U.S. Geological Survey Circum-Arctic Resource Appraisal	Extractive - 12 What if High North Energy Exploitation Fails? An Analysis of What Can Go Wrong	Rural - 01 Power Engineering of Russia's North-East	Panel Session 4 Shipping Options for the Arctic	Renewable - 08 Cold Climate Problems of a Micro-Hydroelectric Development
1230-1400	L U N C H				
1400-1430	Sustainable - 01 Above-Ground Issues Affecting Energy Development in the Arctic	Sustainable - 04 Energy Education for Secondary Schools	Rural - 02 Integrated Village Energy Analysis Model	Sustainable - 09 Environmental Issues in the Arctic	Renewable - 09 Relevance of H2 Technology for the Development of Small Stable Energy Grids
1430-1500	Sustainable - 02 Defining "Energy Security" in the Arctic Context	Sustainable - 05 Education Activities through the International Environmental Information Center	Rural - 03 Renewable Power in Rural Alaska: Improved Opportunities for Economic Deployment	Sustainable - 10 Spill Response Experiences and Developments in Baltic Sea States	Renewable - 10 Analysis of Deploying Photovoltaic Array in Remote Arctic Communities
1500-1530	Sustainable - 03 Norway's Experience with Developing a Holistic Management Plan	Sustainable - 06 Sustainable Development Principles in Training of Oil and Gas Specialists, a Russian View	Rural - 04 Systems Dynamic Approach to Model a Multimodal Energy System	Sustainable - 11 Extending Oil Spill Rates from the Gulf of Mexico to the Beaufort and Chukchi Seas	Renewable - 11 Heat Recovery from Diesel Exhaust for Alaskan Village Diesel Generators
1530-1600	B R E A K				
1600-1630	Panel Session 1 Policy Experiences in Developing Assets (Norway)	Panel Session 2 Developing Human Resources for Energy Development	Panel Session 3 Developing Rural Energy Resources	Panel Session 5 Environmental Concerns in Developing Energy Assets	Renewable - 12 Status of Wind-Diesel Applications in Arctic Climates
1630-1700	Panel Session 1 Policy Experiences in Developing Assets (Norway)	Panel Session 2 Developing Human Resources for Energy Development	Panel Session 3 Developing Rural Energy Resources	Panel Session 5 Environmental Concerns in Developing Energy Assets	Renewable - 13 Foundation Design of Wind Towers in Southwestern Alaska
1700-1730	Panel Session 1 Policy Experiences in Developing Assets (Norway)	Panel Session 2 Developing Human Resources for Energy Development	Panel Session 3 Developing Rural Energy Resources	Panel Session 5 Environmental Concerns in Developing Energy Assets	Rural - 09 Practical Experience with Operations of the NorthWind 100 Wind Turbine in Arctic Climates
1900-2100	EXHIBITOR'S BUFFET - HILTON HOTEL				

# AGENDA WEDNESDAY

Time	Room 1	Room 2	Room 3	Room 4	Room 5
0900-0930	Highlights from Rural Energy Conference	Extractive - 13 Arctic Gas Hydrate Energy Assessment Studies	Rural - 16 Establishment of an Arctic Power Association as an International Organization	Sustainable - 19 Energy Development in the Arctic: A Fine Balance?	
0930-1000	Highlights from Rural Energy Conference	Extractive - 14 Canada's Unconventional Gas Program	Rural - 17 PolarPower.Org – Sharing Knowledge about Power Systems for Polar Regions	Sustainable - 20 Social Impacts of Energy Sustainability in Kivalina	
1000-1030	Highlights from Rural Energy Conference	Extractive - 15 Preliminary Results from the 2007 Wainwright, Alaska CBNG Drilling and Testing Program	Rural - 18 Ivotuk: An Autonomous Power and Communications System on Alaska's North Slope	Sustainable - 21 Community Energy Planning in NWT	
1030-1100	B R E A K				
1100-1130	Highlights from Rural Energy Conference	Sustainable - 12 Sustainable Development through the Integration of Geophysical and Traditional Knowledge	Sustainable - 14 Energy and Water Saving Techniques Identified at Fort Wainwright, Alaska	Sustainable - 22 The Nordic Network for Sustainable Energy Systems in Isolated Locations	
1130-1200	Highlights from Rural Energy Conference	Sustainable - 13 Ecosystem Habitat Mapping Studies: Preparing for Renewed Hydrocarbon Development in the Canadian Beaufort Sea	Sustainable - 15 Climate Change Mitigation Possibilities in the Energy Sector: An Arctic Perspective	Sustainable - 23 A Toolkit for Community Energy Planning in Northern Canadian Communities	
1200-1230	Highlights from Rural Energy Conference	Renewable - 14 Impact of Global Warming on Hydropower Potential	Sustainable - 16 Climate Monitoring in the Arctic: Benefits for Science and Industry	Sustainable - 24 Effects of Rising Fuel Costs on Alaska Households	
1230-1400	L U N C H				
1400-1430	Highlights from Rural Energy Conference	Rural - 10 Pre-payment Utility Meters - Encouraging Greater Conservation and Efficiency in Rural Alaska Villages		Sustainable - 25 Inupiat Traditional Knowledge and Energy Development Decisions	
1430-1500	Highlights from Rural Energy Conference	Rural - 11 Advanced Residential Energy Technologies for Harsh Northern Climate	Sustainable - 17 Analysis of Disturbance to Vegetation and Changes in Active Layer Depths Resulting from Different Ice Road Construction Methods	Sustainable - 26 Impact and Benefits Agreement: A Russian-Canadian Comparison	
1500-1530	Highlights from Rural Energy Conference	Rural - 12 Analysis for Integrating Renewable Energy Sources into Stand-Alone Village Power Systems in Remote Arctic Climates	Sustainable - 18 Estimating the Value of Alaska Public Infrastructure at Risk to Climate Change	Renewable - 15 Impacts of RETScreen in Canadian Northern and Remote Communities	
1530-1600	B R E A K				
1600-1630	Highlights from Rural Energy Conference	Rural - 13 The Aurora Ice Museum Absorption Refrigeration System	Panel Session 6 Infrastructure and the Impact of Climate Change	Panel Session 7 Impacts on the Peoples of the North	
1630-1700	Highlights from Rural Energy Conference	Rural - 14 Economic Wind Power Development in Rural Alaska	Panel Session 6 Infrastructure and the Impact of Climate Change	Panel Session 7 Impacts on the Peoples of the North	
1700-1730	Highlights from Rural Energy Conference	Rural - 15 NorthWind100: The 100 kW Arctic Wind Turbine	Panel Session 6 Infrastructure and the Impact of Climate Change	Panel Session 7 Impacts on the Peoples of the North	
1900-2100	SUMMIT BANQUET - HOTEL CAPTAIN COOK				

# AGENDA THURSDAY

Time	Event
0800-0900	
0900-0930	Keynote Address U.S. Senator Ted Stevens (invited)
0930-1000	
1000-1030	Arctic Energy Action Team Introduction
1030-1100	B R E A K
1100-1130	Discussion of priority rural energy needs
1130-1200	Discussion of priority extractive energy needs
1200-1230	Discussion of priority renewable energy needs
1230-1300	Close of Technology Conference
1400-1430	
1430-1500	
1500-1530	
1530-1600	Arctic Energy Action Team
1600-1630	
1630-1700	
1700-1730	



## Ted Stevens

(invited)

U.S. Senate

U.S. Senator Ted Stevens is the senior member of Alaska's congressional delegation, the senior Republican in the U.S. Senate, and the longest-serving Senator in the history of the Republican Party. He serves as the Senate's President Pro Tempore Emeritus; Vice Chairman of the Committee on Commerce, Science, and

Transportation; Co-Chairman of the Defense Appropriations Subcommittee; and Ranking Member of the Disaster Recovery Homeland Security and Governmental Affairs Subcommittee.

"It is obvious our (energy) production is declining every year, in terms of domestic production," Stevens said. "I feel that we need to replace that, but we cannot do that until we demonstrate that we are willing to go into the concept of using alternative fuels and technologies."

## ARCTIC ENERGY ACTION TEAM

*"... leaving a legacy and creating a path forward ..."*

An Arctic energy action team will be convened at the technology conference with the purpose of cooperatively developing an international vision and programmatic way forward on common problems related to the development and deployment of energy in the Arctic.

Potential members of the team may include energy experts from the eight Arctic nations: producers, investors, consumers, landowners and governments; as well as experts in the fields of transportation, supply security and climate change. By engaging this variety of expertise, the action team will have the advantage of seeing the entire energy system as it reviews and recommends a technology approach to the development of an Arctic energy system.

The action team will be charged with exploring challenges and opportunities in the areas of Arctic:

- extractive energy,
- renewable and hybrid energy sources, and
- the deployment of economical and environmentally sensitive energy sources to rural Arctic communities.

# VENDOR/EXHIBITOR INFORMATION

An Arctic energy industry exhibition highlighting current energy technology will take place during the conference on the second and third day concurrent with the presentations of the technical papers. Exhibitors will be able to register online at the Arctic energy website and find details regarding deadlines, booth size, costs, and power requirements.

The exhibit hall will be located in the Cook and LaPerouse Rooms on the main level of the convention center.

Participants will be visiting the exhibition area frequently as the morning and afternoon coffee and snack breaks will be held in the area surrounded by the booths (please see the exhibit hall layout). This is a great opportunity to network and share your services and expertise with a broad range of individuals during the event.

## Exhibit Dates and Hours

- Tuesday, October 16 – Move In, 7:00 am-10:00 am
- Tuesday, October 16 – Show, 10:00 am-7:00 pm
- Wednesday, October 17 – Show, 8:00 am-5:00 pm
- Wednesday, October 17 – Move Out, 5:00 pm-8:00 pm

## Investment to Exhibit

The cost per standard booth is \$950 or \$1,100 for a premium location booth.

Exhibit booth spaces are 8-by-10 feet and include:

- Pipe and drape with 8-foot back wall and 3-foot sidewalls
- One fire extinguisher
- One booth sign with up to 2 lines of print (20 characters per line)

Booths are not automatically equipped with furnishings, electricity or Internet access. Electricity and furnishings may be ordered from the decorating company (Rowan Pacific Rim Decorators). Internet connections may be ordered directly from the Egan Center. Wired internet for booths is available for \$45.

Details on ordering booth furnishings, electricity and other services will be mailed to exhibitors after their paid registration is received.

## To Reserve an Exhibit Space

Space is limited and booths are reserved on a first come, first served basis upon approval from the conference planning committee. The committee reserves the right to refuse any vendor it determines inappropriate for the conference. Please reference the exhibition layout and indicate your preference in booth location on the registration form at the back of this brochure. Payment must accompany this application before a reservation can be secured. Online payment and registration is available on the conference website. If registering by mail, please send the completed application with payment to:

The Institute of the North  
935 W Third Ave  
Anchorage, AK 99501  
USA

We encourage exhibitors to register as soon as possible and no later than September 1, 2007.



# Municipality of Anchorage

## Office of the Mayor

*Greetings:*

*As Mayor of Anchorage and on behalf of our citizens, it is a pleasure to welcome attendees and participants to our City for the Arctic Energy Summit Technology Conference. We look forward to seeing you October 15-18, 2007.*

*We are proud of Anchorage, a city with all the amenities of a major metropolitan area, yet with the advantage of being a few short minutes away from the wilderness. Our extensive park system within the city, as well as those throughout the state, is here to be enjoyed. We have in Anchorage alone over 170 miles of paved trails that are used throughout the year. Whether you choose to get out and explore or view the spectacular surroundings from the windows of a rooftop restaurant, visiting Anchorage will be a memorable experience.*

*Alaskans have always been known for their warmth and hospitality, and our citizens look forward to opportunities to share their special part of Alaska with you. The Municipality of Anchorage and the Anchorage Convention & Visitors Bureau welcome you and will assist you in any way possible to make your meeting enjoyable.*

*Sincerely,*

A handwritten signature in black ink, appearing to read "Mark Begich". The signature is written in a cursive, flowing style.

*Mark Begich*

*Mayor*

*Community, Security, Prosperity*



# CONFERENCE INFORMATION

## TECHNOLOGY CONFERENCE OFFICIAL PUBLICATION

Petroleum News is producing the official publication for the Arctic Energy Summit. The full color, glossy magazine will contain all relevant conference information, a schedule of events and special news features.

Based in Anchorage, Alaska, Petroleum News is a weekly oil and gas newspaper that covers all of Alaska and northern Canada. In addition, Petroleum News provides coverage of major oil and gas news from other parts of the Arctic, such as the Barents Sea, as well as news of events that impact the industry in Alaska and northern Canada.

Organizations are encouraged to support the conference through advertising in the publication. Exhibitors will receive an advertising discount. Please contact Amy Spittler at [aspittler@petroleumnews.com](mailto:aspittler@petroleumnews.com) or +1.907.770.3506. Access the advertising rate card by visiting [http://www.petroleumnews.com/advertisinginfo/AES\\_rate\\_card.pdf](http://www.petroleumnews.com/advertisinginfo/AES_rate_card.pdf).

## TECHNOLOGY CONFERENCE BOOKSTORE

provided by the UAA Campus Bookstore

The Arctic Energy Summit Technology Conference Bookstore will be provided by University of Alaska Anchorage. The **UAA Campus Bookstore** will highlight guest speakers' publications and books authored by UAA faculty. The bookstore staff is interested in receiving book suggestions; however, they cannot guarantee that all books will be available. AES authors should contact UAA if they want the bookstore to sell their books at the Technology Conference.

For more information, please email **Rachel Epstein** at [anre@uaa.alaska.edu](mailto:anre@uaa.alaska.edu) or call +1.907.786.4782.

Visit the UAA Campus Bookstore on the web at <http://www.uaa.alaska.edu/bookstore/>.

## ARCTIC SYNERGY ELECTRONIC NEWSLETTER

During your preparations to attend the Arctic Energy Summit Technology Conference, be sure to check out the electronic newsletter, the Arctic Synergy. Produced by the Institute of the North as part of its educational outreach for the Arctic Energy Summit, the Synergy provides readers with up-to-date information about rural and renewable energy, extractive energy, and the sustainability of energy in the Arctic.

Check it out under the NEWS tab at [www.arcticenergysummit.org](http://www.arcticenergysummit.org), where you'll find links to the current and past issues. Or become a subscriber by emailing Kristina Baiborodova at [kbaiborodova@institutenorth.org](mailto:kbaiborodova@institutenorth.org) with SUBSCRIBE TO SYNERGY in the subject line.

## ARCTIC ENERGY SUMMIT SPONSORS

(as of July 18, 2007)



To become a sponsor, please contact Ben Ellis at +1.907.771.2445 or [bellis@institutenorth.org](mailto:bellis@institutenorth.org)

# VISITOR INFORMATION

## AIRLINE TRAVEL

The Institute of the North has worked with several airlines to provide discounted travel opportunities for those attending the Arctic Energy Summit Technology Conference.



**Alaska Airlines** will offer 10% off any published fares (excluding promotional fares) for any Alaska Airlines/Horizon Air flights to Anchorage, Alaska. Valid travel dates are Oct. 12-21, 2007.



**Northwest Airlines** is offering either 5% or 7% off published fares, depending on when the tickets are booked. Discounted fares are not available for direct flights; other restrictions may apply. Valid travel dates are Oct. 9-24, 2007.

Information on how to take advantage of these discounts online, including the e-certificate codes, may be found at the Arctic Energy Summit website, [www.arcticenergysummit.org](http://www.arcticenergysummit.org); click on TRAVEL/HOTEL INFORMATION on the TECHNOLOGY CONFERENCE/ REGISTRATION tab.

## HOTEL ACCOMMODATIONS

The Institute of the North has worked with the Anchorage Convention and Visitors Bureau and Anchorage hotels to provide discounted hotel accommodations for participants attending the Arctic Energy Summit Technology Conference October 15-18 in Anchorage, Alaska.

The conference will take place at the William Egan Convention Center right in the center of downtown Anchorage. Although the **Hotel Captain Cook** will act as the official host hotel during the **Arctic Energy Summit Technology Conference**, the **Anchorage Marriott Downtown** and the **Hilton Anchorage** have joined the Captain Cook in offering special rates for our guests. Delegates are urged to make their hotel reservations as soon as possible.

All three hotels offer excellent accommodations and are located within a few block radius of the Egan Center, an easy walk for visitors. Each has created a special private website to assist in making reservations. More information can be found by clicking on **TRAVEL/HOTEL INFORMATION** under the **TECHNOLOGY CONFERENCE/REGISTRATION** section of the Arctic Energy Summit website, [www.arcticenergysummit.org](http://www.arcticenergysummit.org).



# VISITOR INFORMATION

## OPTIONAL TOURS

The Institute of the North has teamed up with a destination management company, **Logistics LLC of Anchorage**, to provide optional tours of Anchorage and the surrounding area for conference goers and companions. More information on any of these opportunities, including registration, can be found online at [www.arcticenergysummit.org](http://www.arcticenergysummit.org); click on **ATTENDEE INFO** under the on the **TECHNOLOGY CONFERENCE/ REGISTRATION** tab.



### GIRDWOOD/PORTAGE TOUR

- **Monday, Oct. 15**
- **\$100 per person (20 person minimum)**
- **Lunch included**

Spend your day enjoying the Girdwood and Portage Valleys. Visit Alyeska Resort for a ride on their tram and lunch. Afterwards, explore Alaska Wildlife Conservation Center; Alaska's only drive-through wildlife viewing exhibit.

Tour includes transportation, admission to the Alyeska Tram and lunch, admission to the Alaska Wildlife Conservation Center, snacks and refreshments, escorts and gratuities.

### MARTIN BUSER IDITAROD CHAMPION TOUR

- **Tuesday, Oct. 16**
- **\$125 per person (30 person minimum)**
- **Lunch included**

Depart Anchorage for 1-hour and 15-minute ride to Happy Trails Kennels in Big Lake, Alaska, managed by husband and wife team Martin Buser and Kathy Chapoton. After having lunch with Martin and his team, you will return to Anchorage.

Tour includes round trip transportation, narrated tour, exclusive presentation by Martin Buser, kennel tour, box luncheon, refreshments and snacks and driver gratuity.

### MOOSE SAFARI

- **Wednesday, Oct. 17**
- **\$115 per person (4 person minimum)**

Depart downtown Anchorage for a 3-hour Moose Safari in the Chugach Mountain Range with an experienced Alaskan wildlife guide.

Tour includes roundtrip transfer and 2-hour guided tour.

### ANCHORAGE CITY TOUR

- **Thursday, Oct. 18**
- **\$75 per person (30 person minimum)**

Explore Anchorage beginning with a 1-hour city tour and a stop at the Alaska Wildberry Products Factory, where you can experience the world's largest chocolate waterfall. Afterwards tour the Alaska Gallery at the Anchorage Museum of History and Art, one of the finest presentations of Alaskan history and ethnology in the state.

Tour includes round trip motorcoach transportation, admission fee to the Museum of History and Art, refreshments onboard the motorcoach, small sampler box of chocolates from the Alaska Wildberry Factory, gratuities and escort.

### RESURRECTION BAY CRUISE WITH ALASKA WILDLIFE CONSERVATION CENTER

- **Friday, Oct. 19**
- **\$137 per person**
- **Lunch included**

Depart Anchorage for a relaxing 3-hour drive to Seward on Alaska's only National Scenic Byway, with a stop at the Alaska Wildlife Conservation Center in Portage. Once in Seward, embark on a unique cruise designed for people to view both the awesome migratory and the year round resident whales of the Resurrection Bay area.

Tour includes 4-hour narrated wildlife and glacier cruise, lunch and transfers.

### MT. MCKINLEY FLIGHTSEEING TOUR

- **Any day tour**
- **\$295 per person (3 person minimum)**

Board a floatplane at Lake Hood, America's largest float plane airport, for a spectacular flight that will take you within 6 miles of Mt. McKinley's 20,320 foot summit. View Ruth Glacier, the Great Gorge and the massive south face of McKinley. Make a floatplane landing on a lake at the base of Mt. McKinley (weather permitting).

Tour includes 3-hour narrated flightseeing tour.



## FACTS ABOUT...

### Alaska

- The first inhabitants of Alaska crossed the Bering Land Bridge in approximately 12000 BC.
- As the largest state in the union, Alaska is nearly twice the size of Texas, which is the second largest state.
- Within the state, there is one bear for every 21 Alaskans.
- The 800-mile Trans-Alaska Pipeline is the largest privately financed construction project in history. So far, more than 14 billion barrels of oil have moved through the pipeline.
- Eighty-five percent of the state budget is supported by revenue from oil.
- Residents of Alaska do not pay state income tax. In addition, there is no state sales tax.
- The oil field located on the North Slope of Alaska is the most productive in North America, yielding on average 400,000 barrels per day.
- The Alaska Permanent Fund was established in 1976 with \$734,000. This year, the fund will gain that amount nearly every 60 minutes.
- In 2004, Alaskan energy consumption per capita was 1.186 billion British thermal units (Btu), for a state total of 779.1 Btu.
- 1,433 alternative-fuel vehicles were used in Alaska in 2003.
- Alaska has six times as many pilots and 16 times as many aircraft per capita than anywhere else in the United States.
- Alaska is the only state whose capital is not accessible by roads.
- Nearly one-third of Alaska lies within the Arctic Circle.

### Anchorage

- In 1915, Ship Creek Landing (later called Anchorage) was chosen as the headquarters of the Alaska Railroad, causing the population of 2,000 people to settle in tents on the banks of the creek.
- The Chugach, Kenai, Talkeetna, Tordrillo, Aleutian and Alaska mountain ranges are all visible from Anchorage. Mount McKinley, located in Denali National Park, can be seen to the northwest on clear days.
- The municipality of Anchorage covers 1,251,640 acres, an area roughly the size of Delaware.
- In October, the average high temperature for Anchorage is about 40° F, or 4° C.
- Anchorage sits at the base of the Chugach Mountains along the coast of Cook Inlet in Southcentral Alaska.
- Anchorage is home to nearly 283,000 people, or 42% of the total population of Alaska.
- As of September 2006, the 50,000 children in the Anchorage School District spoke 94 different languages.
- The Ted Stevens Anchorage International Airport receives the most landed weight of cargo aircraft in the entire United States.
- Although some municipalities of Alaska have instituted a local sales tax, Anchorage has not.



# MAKE THE MOST OF YOUR STAY IN ANCHORAGE

## What to wear

On an Alaskan fall day remember to dress in layers. Bring sweaters, a warm coat, a hat, gloves and warm socks for any outside adventures and to make your boat cruises more enjoyable. A raincoat is also advised. Bring comfortable walking shoes for short hikes or for strolling or biking along the Tony Knowles Coastal Trail. With all of this you will be prepared for any Alaska adventure. Don't forget to bring a camera: there will be many photo opportunities during your stay!

All host hotels have indoor pools and workout equipment so bring a swim suit and workout clothes.

## Climate

The Anchorage area is protected by the Chugach Mountains and warmed by currents of the Pacific Ocean. The average daytime temperature in October is 43 degrees Fahrenheit, 6 degrees Celsius.

## Daylight hours

In October Anchorage enjoys an average of more than 10 hours of daylight. This gives you lots of time to enjoy everything that Anchorage has to offer.

## What to expect in Anchorage

Anchorage is a cosmopolitan city with all the amenities you would expect in a city of 300,000 people. You will find many of the major department stores including Nordstrom, JC Penney, Sears, REI, Eddie Bauer, Banana Republic, Gap, Fred Meyer and Wal-Mart. There are pharmacies, health food stores, bookstores and more throughout Anchorage.

You can shop for fine Native Alaskan art at many small galleries located within blocks of our host hotels. For authentic Alaskan arts and crafts, be sure to look for one of two official symbols. The "Silver Hand" emblem indicates the item was hand crafted by an Alaska Eskimo, Aleut, or Indian craftsman or artist. The "Made in Alaska" emblem indicates that the article was made in Alaska by a resident artist, craftsman or manufacturer. Wherever possible, items bearing these emblems have been made with Alaskan materials.

Even with all the modern conveniences of a large city you can still experience the Alaskan Wilderness right outside your Anchorage hotel. You can stroll or jog the 11-mile paved Tony Knowles Coastal Trail accessible from several points, offering views of majestic mountains including Mount McKinley. The trail is just 3 blocks from the Hotel Captain Cook and offers panoramic views of Cook Inlet. You can also wander along Ship Creek, a salmon spawning creek running right through downtown.

# EXHIBITOR REGISTRATION

If you wish to exhibit at the 2007 Arctic Energy Technology Conference, please complete the following:

	9	10	11	12		13	14	15	16		17	18	19	20		
8																
7	21	34	35 48		49					62	63	76	77	84		
6	22	33	36 47		50					61	64	75	78	85		
5	23	32	37 46		51					60	65	74	79			
4	24	31	38 45		52	Break Area				59	66	73	80			
3	25	30	39 44		53					58	67	72	81			
2	26	29	40 43		54					57	68	71	82	86		
1	27	28	41 42		55					56	69	70	83	87		
	Door	95	94	93	92	Door	Registration				Door	91	90	89	88	Door
Exhibition Floor Map										Lobby		Premium Exhibits Standard Exhibits				

Company/Organization \_\_\_\_\_  
 Contact Name and Title \_\_\_\_\_  
 Mailing Address City State \_\_\_\_\_  
 Country and Mail Code \_\_\_\_\_  
 Phone Fax Email \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Representative(s) authorized to staff your booth(s) (limit of two per booth)  
 \_\_\_\_\_  
 \_\_\_\_\_

Briefly describe the products and/or services you will be displaying at your booth(s):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Preferred Booth Space

Reference the exhibit booth layout and indicate your preferred space(s)

1st Choice: \_\_\_\_ 2nd Choice: \_\_\_\_ 3rd Choice: \_\_\_\_ 4th Choice: \_\_\_\_

Please print or type below your company/organization name exactly as you wish it to appear on your complimentary booth sign. Complimentary signs are limited to two lines of print with approximately 20 characters per line.

\_\_\_\_\_  
 \_\_\_\_\_

I have read and accept all terms in the Exhibitor Rules and Regulations. By signing below, I agree to abide by all terms included in the Exhibitor Rules and Regulations.

### Signature / Title / Date

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Return this form with payment by September 1, 2007 to:  
**The Institute of the North**  
 935 W Third Ave  
 Anchorage, AK 99501  
 Phone +1.907.771.2444 Fax +1.907.771.2466

### PAYMENT INFORMATION – PAYMENT MUST ACCOMPANY THIS APPLICATION

\_\_\_\_ Booths X \$950 or \$1100 = \$ \_\_\_\_\_

**Method of payment:** Please make checks payable to The Institute of the North

Check     VISA     MC

Credit Card Number: \_\_\_\_\_ Exp date: \_\_\_\_\_

Name on credit card: \_\_\_\_\_

Signature: \_\_\_\_\_

# PARTICIPANT REGISTRATION

Title: \_\_\_Mr. \_\_\_Mrs. \_\_\_Ms. \_\_\_Dr. \_\_\_Prof.

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Job Title: \_\_\_\_\_ Affiliation/Company: \_\_\_\_\_

E-Mail: \_\_\_\_\_ Website: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

## Type of Registration and Fees:

Participant: Early-bird rate - \$ 850, after September 15 - \$ 950

Presenter: Early-bird rate - \$ 500, after September 15 - \$ 600

Students: Early-bird rate - \$ 425, after September 15 - \$ 475

Participant Fee: \_\_\_\_\_ \$ \_\_\_\_\_

Companion(s) Names: \_\_\_\_\_

## Arctic Energy Summit Conference

### Companion Meals

			#	Total
Monday	Lunch	\$ 20.00	___	\$ _____
	Opening Banquet	\$ 60.00	___	\$ _____
Tuesday	Lunch	\$ 15.00	___	\$ _____
	Buffet Dinner	\$ 60.00	___	\$ _____
Wednesday	Lunch	\$ 15.00	___	\$ _____
	Closing Banquet	\$ 60.00	___	\$ _____

Total Companion Meals: \_\_\_\_\_ \$ \_\_\_\_\_

Total Technology Conference Fees \_\_\_\_\_ \$ \_\_\_\_\_

Return this form with payment by September 1, 2007 to:  
**The Institute of the North**  
935 W Third Ave  
Anchorage, AK 99501  
Phone +1.907.771.2444 Fax +1.907.771.2466

## PAYMENT INFORMATION – PAYMENT MUST ACCOMPANY THIS APPLICATION

**Method of payment:** Please make checks payable to The Institute of the North

Check     VISA     MC

Credit Card Number: \_\_\_\_\_ Exp date: \_\_\_\_\_

Name on credit card: \_\_\_\_\_

Signature: \_\_\_\_\_



THE ARCTIC ENERGY SUMMIT  
TECHNOLOGY CONFERENCE  
935 WEST THIRD AVENUE  
ANCHORAGE, AK 99501  
USA

