

ENERGY TRANSITIONS IN THE 21ST CENTURY

OMNI INTERLOCKEN HOTEL / NOVEMBER 3-6, 2019 / DENVER, CO, USA

CONFERENCE THEME AND OBJECTIVES

Throughout the 150 years of modern energy history, change has been a pervasive driving force in our industry – from the development and deployment of new energy sources to the emergence of more and more diverse uses for energy as fuel and feedstock; the creation of new transport routes and delivery mechanisms to link energy sources to markets, shifting the geopolitical energy map of the world; and the accelerating impact of technological development both increasing our capacity to supply energy as well as to use it ever more efficiently. But in these early years of the 21st century, the pace of change seems to be accelerating as we move ahead into what many have termed the era of energy transitions. Meeting the challenge of providing affordable energy for growing populations while managing the carbon and environmental impact of energy supply and use is a central issue for the 21st century. Solutions informed by the sound application of energy economics will be vitally important in the coming years.

The 37th annual USAEE/IAEE Conference provides a forum for informed and collegial discussion of how these emerging realities will impact all stakeholders – from populations to companies to governments—in North America and around the world.

In 2019, we are taking our conference to the Denver, Colorado area, where oil and natural gas production have been a vital contributor to US energy supply for decades. The state has also strongly promoted energy diversification, particularly into wind and solar power; has worked at collaborative frameworks for energy development embracing the needs of multiple stakeholder interests; and is the home to a strong intellectual and academic tradition of thinking about energy supply, energy technologies and energy markets.

The conference will highlight contemporary energy themes at the intersection of economics, technology and public policy, including those affecting energy infrastructure, environmental regulation, markets, the role of governments, and international energy trade. Participation from industry, government, non-profit, and academic energy economists will enrich a set of robust, diverse and insightful discussions.

www.usaee/usaee2019/

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TOPICS TO BE ADDRESSED INCLUDE:

The general topics below are indicative of the types of subject matter which may be considered at the conference. In practice, any topic relating to energy economics, markets, energy policy and regulation, energy trade, energy pricing, drivers of energy demand, adoption of new energy technologies etc. will be considered.

- Global impacts of growing US energy exports
- How are energy markets responding to the shift of U.S. energy policy?
- Pathways to decarbonization of energy and the economy
- Oil prices, the role of OPEC and OPEC/non-OPEC cooperation
- Energy implications of environmental regulations: future and impact
- The role and impact of distributed energy resources in developed and developing countries
- How are digital technologies, including blockchain and artificial intelligence and the Internet of Things impacting energy supply and demand
- What next for electricity storage technologies?
- Drivers and challenges for accelerated electric and autonomous vehicle adoption
- Effective policies to support growth in low-carbon energy
- The role of natural gas in the energy transition to a low-carbon world
- Other topics of interest including shifts in market structures and fundamentals, including those induced by policy and technological forces.

ADVANCE CALL FOR CONCURRENT SESSION PRESENTATION PROPOSALS

We are pleased to announce an advance call for Concurrent Session presentation proposals for the 37th USAEE/IAEE North American Conference, Energy Transitions in the 21st Century, to be held November 3-6, 2019 at the Omni Interlocken Hotel in Denver, Colorado, USA.

THE DEADLINE FOR RECEIPT OF PROPOSALS IS **MAY 31, 2019.**

CONCURRENT SESSIONS

The concurrent sessions at the USAEE/IAEE conference offer opportunities for students, academic staff, as well as energy economists and practitioners in the business, government and research communities to present current analysis, research or case-studies on topics related to energy economics and energy markets. Presentations may be based on academic papers, but this is not a pre-requisite requirement. We stipulate that presentation proposals submitted for inclusion in the concurrent sessions should not have been previously presented at or published by USAEE/IAEE or elsewhere. Presentations are intended to facilitate the sharing of both academic and professional experiences and lessons learned. Presentations should not advertise or promote proprietary products and/or services. Those who wish to distribute promotional literature and/or have exhibit space at the Conference are cordially invited to take advantage of sponsorship opportunities – please see www.usaee.org/usaee2019/sponsors.html Those interested in organizing a concurrent session should propose a topic and possible speakers to David Williams, Executive Director, USAEE (usaee@usaee.org). Please note that all speakers in organized concurrent sessions must pay speaker registration fees and submit abstracts.

Concurrent Session Presentation Proposal Format

Authors wishing to make concurrent session presentations must submit a proposal that briefly describes the topic, research or case study to be presented.

The proposal must be no more than two pages in length and should include the following sections:

- Overview or summary of the topic including its background and potential significance
- Description of the context, data used, or illustrative example of the topic
- Summary of key insights, results or further questions
- Conclusions: Lessons learned, business or market implications, recommendations for further work

Please visit www.usaee.org/USAEE2019/PresentationProposalTemplate.doc to download a proposal template. All proposals should conform to the format structure outlined in the template. Proposals should be submitted online by visiting www.usaee.org/USAEE2019/submissions.aspx Proposals submitted by e-mail or in hard copy will not be processed.

Presenter Attendance at the Conference

At least one presenter of an accepted concurrent session presentation proposal must pay the registration fees and attend the conference to make the presentation in person. The person submitting the proposal must provide complete contact details—mailing address, phone, e-mail, etc. Presenters will be notified by July 12, 2019 whether their proposal has been accepted. Presenters whose proposal are accepted will have until August 23, 2019 to submit their final papers for publication in the online conference proceedings. While multiple submissions by individuals or groups are welcome, the proposal selection process will seek to ensure as broad participation as possible: any person may present only one topic at the conference. No person should submit more than one proposal as its single author. If multiple submissions are accepted, then a different presenter will be required to pay the registration fee and present each paper.

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STUDENTS

In addition to the opportunities described at left, students may submit a paper for consideration in the **Dennis J. O'Brien USAEE/IAEE Best Student Paper Award Competition** (cash prizes plus waiver of conference registration fees). The paper submission has different requirements and a different deadline.

The deadline for submitting a paper for the Student Paper Awards is June 28, 2019. Visit www.usaee.org/usaee2019/bestpapers.html for full details.

Students may also inquire about scholarships covering conference registration fees. Please visit www.usaee.org/usaee2019/scholarships.html for full details.

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