

Paris-Dauphine University

Le stockage d'électricité

Intervention introductive

Paris – May 2018 –

Christophe Bonnery, Président AEE --- IAEE President Elect --- Director Economics & Prospective Enedis



 : @Ch_Bonnery



IAEE Membership 2018

4,125+ Members in
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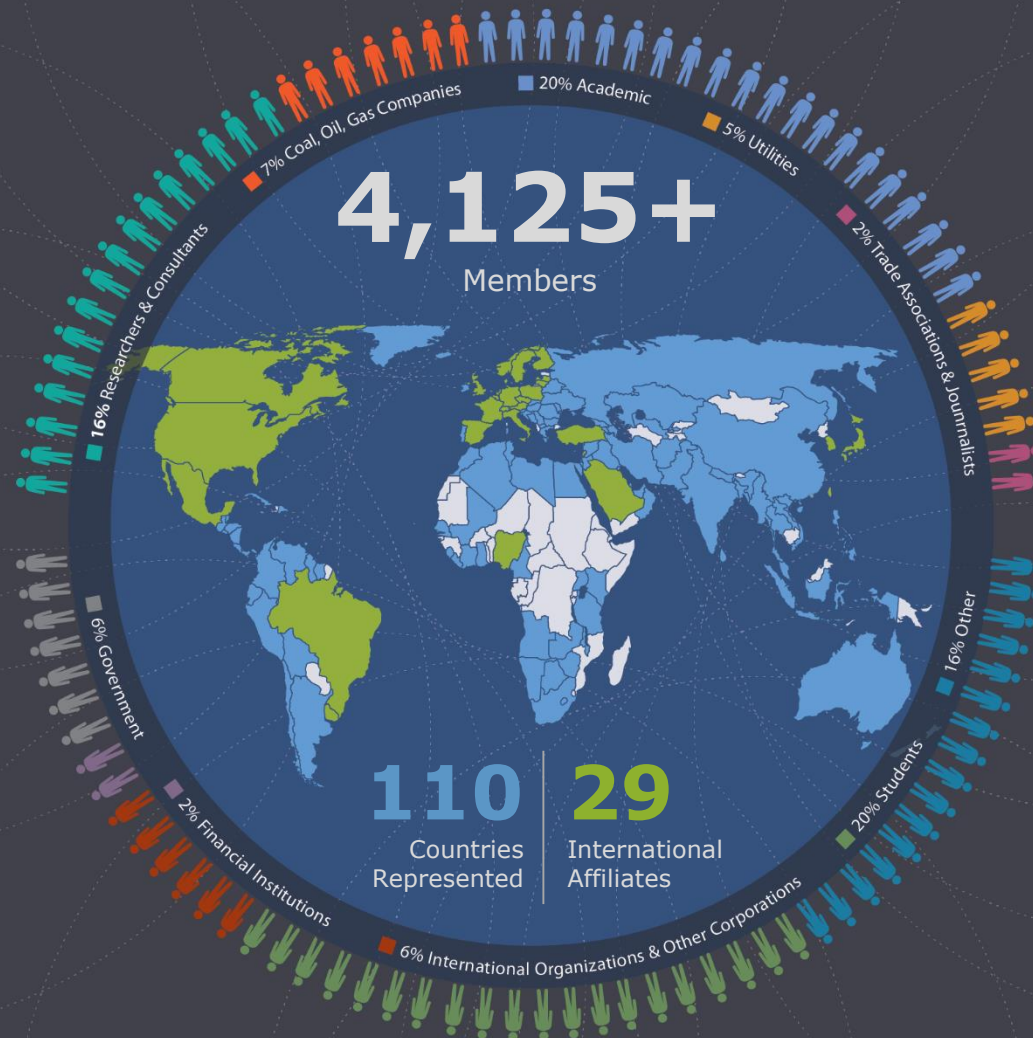
2,475 Europe

800 North America

875 Asia, Africa, Latin
America & Middle East

29 International
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Largest Affiliates:
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Energy Journal Articles

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Publication Information

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Welfare Impacts of Electricity Storage and the Implications of Ownership Structure

*Ramteen Sioshansi***Abstract:**

Increases in electricity price volatility have raised interest in electricity storage and its potential arbitrage value. Large utility-scale electricity storage can decrease the value of energy arbitrage by smoothing differences in prices on- and off-peak, however this price-smoothing effect can result in significant external welfare gains by reducing consumer energy costs and generator profits. As such, the incentives of merchant storage operators, consumers, and generators may not be properly aligned to ensure socially-optimal storage use. We examine storage use incentives for these different agent types and show that under most reasonable market structures a combination of merchant and consumer ownership of storage maximizes potential welfare gains from storage use.

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Energy Specializations: Electricity – Markets and Prices ; Electricity – R&D and Emerging Technologies

JEL Codes:

D42 - Market Structure, Pricing, and Design: Monopoly
O32 - Management of Technological Innovation and R&D

Keywords: [Electricity storage](#), [Welfare](#), [Wholesale electricity markets](#), [US](#)

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Published in Volume 31, Number 2 of The Quarterly Journal of the
IAEE's Energy Economics Education Foundation.

The Energy Journal

► An influential source for Energy Economics articles:

- Impact Factor (2016): 2.429
- 5 Year Impact Factor (2016): 2.652
- Article Influence Score: 1.360
- The Energy Journal continues to place in the top quartile ranked against peer-reviewed publications for Economics titles, according to the Clarivate Journal Citation Report, Science Edition.

► 6 regular issues published annually, plus special issues

► 18% jump in “very frequent” readership of the Energy Journal as indicated by the 2018 IAEE membership survey, as compared to the 2015 survey.



Economics of Energy & Environmental Policy

- ▶ IAEE's policy oriented publication
 - Scholarly and research-based
 - Easy to read and accessible
- ▶ A rising source of scholarly and research-based content
 - Impact Factor (2016): 1.297
 - 5 Year impact factor: 2.211
 - Article Influence Score: 1.057
- ▶ 8% jump in "very frequent" readership of EEEP as indicated by the 2018 IAEE membership survey, as compared to the 2015 survey.



IAEE Energy Forum

- ▶ Thematically focused content, recent topics include:
 - LNG
 - Electricity Markets
 - Impact of Drop in Oil Prices
 - Energy Efficiency
 - Energy Poverty
- ▶ Special issues highlight content from IAEE cornerstone conferences
- ▶ Carries affiliate and chapter events and activities.





IAEE facilitates:

- ▶ Worldwide information flow and exchange of ideas on energy issues
- ▶ High quality research
- ▶ Development and education of students and energy professionals

IAEE accomplishes its mission through:

- Providing leading edge publications and electronic media
- Organizing international and regional conferences
- Building networks of energy concerned professionals

INTERNATIONAL

NORTH AMERICA

EUROPE

LATIN AMERICA

ASIA

AFRICA

EURASIA

BALKANS



Upcoming IAEE International Conferences:



41ST IAEE
INTERNATIONAL
CONFERENCE
GRONINGEN
10-13 JUNE 2018



42nd IAEE
INTERNATIONAL
CONFERENCE
LOCAL ENERGY, GLOBAL MARKETS
MONTREAL MAY 29 - JUNE 1, 2019



41st IAEE International Conference

**Groningen,
The Netherlands**
June 10-13, 2018

*Transforming
Energy Markets*

36th USAEE/IAEE North American Conference

**Washington,
DC, USA**
Sept. 23-26, 2018

*Evolving Energy Realities:
Adapting to What's Next*

3rd IAEE Eurasian Conference

**Tbilisi,
Georgia**
Oct. 18-20, 2018

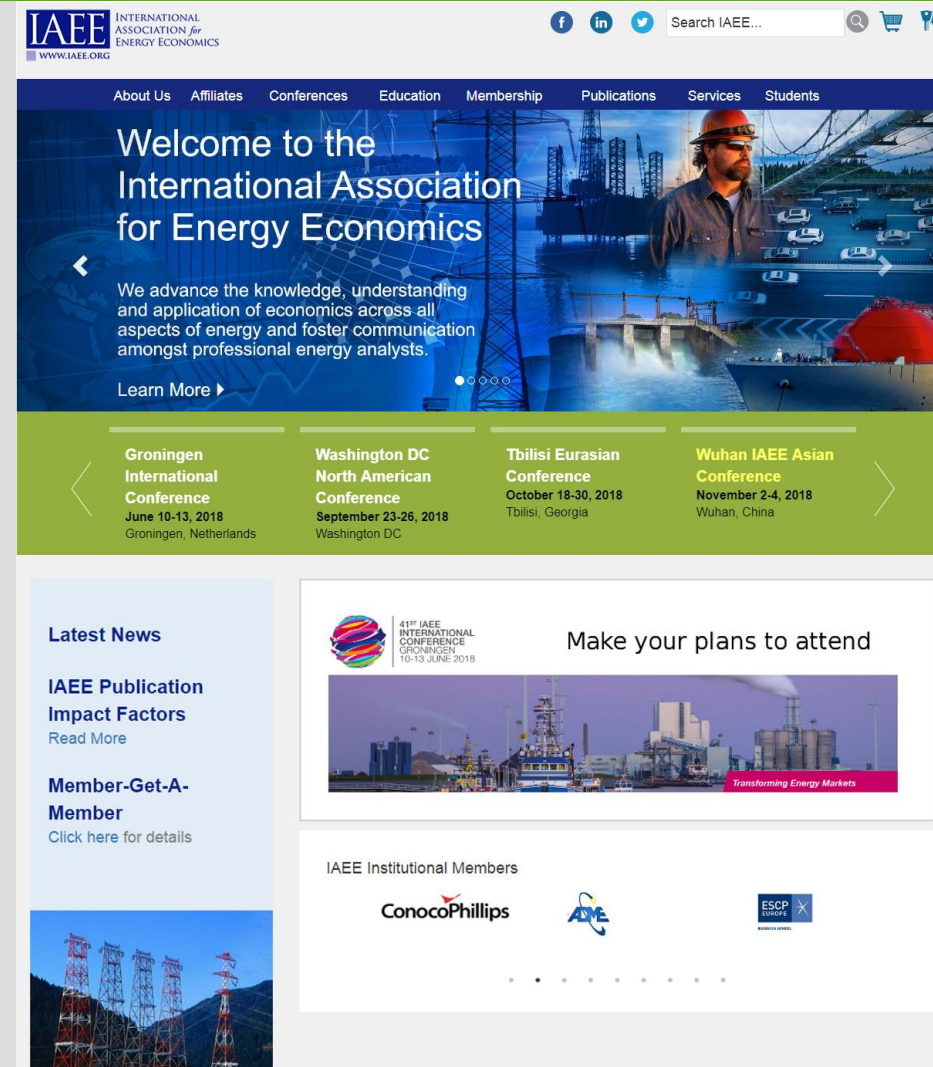
*Energy Security
& Investment Opportunities in
Eurasia: Regional Energy
Trading & Market Development*

6th IAEE Asian Conference

**Wuhan,
China**
Nov. 2-4, 2018

*Energy Exploitation
and Cooperation in
Asia*

- *Energy Journal, Economics of Energy & Environmental Policy and Energy Forum*
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The screenshot shows the IAEE website homepage. At the top, there is a navigation bar with links for About Us, Affiliates, Conferences, Education, Membership, Publications, Services, and Students. A search bar is also present. The main banner features a large image of an industrial facility with a worker in the foreground. The text on the banner reads: "Welcome to the International Association for Energy Economics" and "We advance the knowledge, understanding and application of economics across all aspects of energy and foster communication amongst professional energy analysts." Below the banner, there is a section for upcoming conferences: Groningen International Conference (June 10-13, 2018), Washington DC North American Conference (September 23-26, 2018), Tbilisi Eurasian Conference (October 18-30, 2018), and Wuhan IAEE Asian Conference (November 2-4, 2018). The left sidebar contains links for Latest News, IAEE Publication Impact Factors, and Member-Get-A-Member. The right sidebar features a section for the 41st IAEE International Conference Groningen (10-13 June 2018) with a call to action "Make your plans to attend" and a section for IAEE Institutional Members listing ConocoPhillips, AVE, and ESCP.



Thank You

For More Information



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