

**2018 Lehigh University and USAEE Energy Symposium**  
**April 20, 2018**  
**Featured Speakers**

**Guy Caruso**



Guy F. Caruso is a senior adviser in the Energy and National Security Program at CSIS. Prior to joining CSIS, he served as administrator of the U.S. Energy Information Administration (EIA) from July 2002 to September 2008. EIA is the statistical agency within the U.S. Department of Energy (DOE) that provides independent data, forecasts, and analyses regarding energy. Before leading EIA, Caruso had acquired over 40 years of energy experience, with particular emphasis on topics relating to energy markets, policy, and security. He first joined DOE as a senior energy economist in the Office of International Affairs and soon became director of the Office of Market Analysis. He has also held a variety of other senior leadership positions at

DOE.

Prior to joining DOE, Caruso worked at the Central Intelligence Agency (CIA) as an international energy economist in the Office of Economic Research. In addition, he was project director of the CSIS Geopolitics of Energy study published in January 2000. He was also director of the National Energy Strategy project for the U.S. Energy Association (USEA), which resulted in the publication of *Toward a National Energy Strategy* (USEA, February 2001) and the follow-up study *National Energy Strategy Post 9/11* (USEA, July 2002). Caruso has also worked at the Paris-based International Energy Agency, first as head of the Oil Industry Division, where he was responsible for analyzing world oil supply/demand and developments in the oil industry, and later as director of the Office of Non-member Countries, where he directed studies of energy-related developments in emerging economies. Caruso holds a B.S. in business administration and an M.S. in economics from the University of Connecticut. He also earned an M.P.A. from Harvard University. In January 2008, he was awarded the French National Order of Merit. Recently, Caruso was elected president of the U.S. Association for Energy Economics beginning in January 2018.

### **Ayaka Jones**



Ayaka Jones is an international technical advisor at Department of Energy's Office of Fossil Energy. She provides technical expertise and advisory services for bilateral and multilateral efforts between DOE and energy ministries of Asia-Pacific countries to leverage DOE's research, development, and demonstration programs for clean coal and carbon management. She also produces market, technology, and policy analyses to support the Office's mission. Previously, she led the international coal and China energy analyses at the Energy Information Administration and facilitated the agency's engagement with China in energy data and analysis. Earlier, she was an associate director of IHS-CERA's North American coal advisory services, a member of MIT's *The Future of Coal* study, and an engineer with Mitsubishi Heavy Industries Nagasaki Shipyard Shanghai Office. She holds an M.S. in Technology and Policy from MIT and an M.E. in Thermal Engineering from Xi'an Jiaotong University in China.

### **Andrew Kleit**



Andrew Kleit is Professor of Energy and Environmental Economics at Pennsylvania State University and founding chair of its program in Energy and Business Finance. He has served as a staff economist and economic advisor for the Federal Trade Commission and the Canadian Competition Bureau, and as a visiting scholar at the Commodity Futures Trading Commission and the Federal Energy Regulatory Commission. Professor Kleit has written more than 70 articles, including publications in leading economic and legal journals, and written or edited 5 books. He has consulted widely on antitrust enforcement, competition, and regulatory issues.

### **David Knapp**



David Knapp is Chief Energy Economist and Senior Editor for Global Oil Market Analysis at Energy Intelligence Group in New York, where he served as Editor of Oil Market Intelligence for over a decade. He also contributes regularly to several Energy Intelligence Group publication including Petroleum Intelligence Weekly, Energy Compass, Oil Daily, Energy Intelligence Finance and International Oil Daily. Before joining Energy Intelligence Group in late 2000, Dr. Knapp was a senior official with the International Energy Agency in Paris and Editor of the IEA's Monthly Oil Market Report through much of the 1990s. He has analyzed energy markets for more than 45 years in the international, government, business and financial sectors as Energy

Economist and Energy Team Leader for the prestigious Wall Street banking and investment firm of Brown Brothers Harriman & Co. throughout the 1980s, after starting his career at the Federal Energy Administration/Department of Energy and then Chase Manhattan Bank's Energy Economics Division in the 1970s.

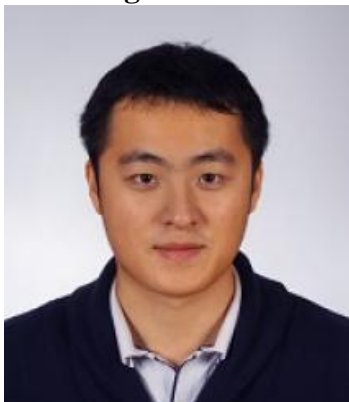
Dr. Knapp holds a Ph.D. in Economics from the University of California at Santa Barbara and is a member of numerous professional organizations in the energy area. He was a founder and currently serves as President of the Board of the New York Energy Forum. He is also a Senior Fellow of the US Association for Energy Economics, the current VP Business and has served on various committees, as well as being an appointed Advisor to five recent USAEE Presidents. He is a Charter Member and former council member of the parent IAEE and holds the IAEE 2007 Award for Excellence in Written Journalism. Dr. Knapp is also a long-time Advisor to CERI's Geopolitics of Energy.

### **Lynne Taschner '84G**



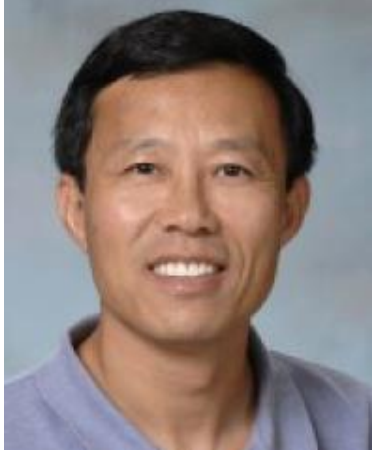
Lynne Taschner is an Energy Advisor in ExxonMobil's Corporate Strategic Planning Department. In this capacity, she is responsible for assessing economic and energy trends, and related market and public policy issues. She is a principal contributor to *The Outlook for Energy: A View to 2040*, including the identification of potential implications for energy markets and the corporation's strategic plans. Lynne has worked for ExxonMobil for over 25 years in a variety of economic and commercial advisory roles. She holds a B.S. in Business Administration & Economics from The King's College (New York) and an M.B.A. from Lehigh University.

### **Da Zhang**



Da Zhang is a research scientist at the Joint Program on the Science and Policy of Global Change at MIT. He has a Ph.D. in Management Science and Engineering and a B.S. in Industrial Engineering, both from Tsinghua University. His research interests are the economic and environmental analyses of China's climate policies and their distributional consequences. He analyzes climate policy options, in particular cap-and-trade, energy cap and their alternative disaggregation schemes in China

### **Zhen Zhu**



Zhen Zhu is Professor, Dr. Michael Metzger Endowed Chair at the University of Central Oklahoma. Zhen Zhu teaches International Economics, Business Statistics, Quantitative Business Forecasting and other economics courses. His research interests are in the areas of international financial markets and energy markets (in particular natural gas markets).

Dr. Zhu's research papers have appeared in many academic journals such as Energy Economics, Energy Journal, Journal of Economics and Management Strategies, Journal of Futures Markets, Review of Futures Markets, Applied Economics, Public Choice, Southern Economic Journal, and many more. His writings have also appeared in trade and industrial publications.

Dr. Zhu consults regularly for businesses and has provided expert testimonies in the areas of natural gas markets, forecasting and statistical analyses.