

# 2nd Annual Advanced Energy Technology Forum

## CONFIRMED SPEAKERS (In Order of Appearance)



**SHEILA HOLLIS**

**ACTING EXECUTIVE DIRECTOR, UNITED STATES ENERGY ASSOCIATION  
OF COUNSEL, PARTNER & CHAIR, DUANE MORRIS, LLP**

Sheila Hollis is of Counsel with and chair of the Duane Morris, LLP Washington office. Her career spans energy policy and transactional and regulatory law worldwide. She was founding Director of the Office of Enforcement of the Federal Energy Regulatory Commission and served as Professorial Lecturer in Energy Law for 20 years at George Washington University Law School. Sheila was the first woman President of the Energy Bar Association, chaired the ABA's Section of Environment, Energy and Resources and serves as its delegate in the ABA House. She was named one of Washington's Top 100 Lawyers by "Super Lawyers". Sheila was recognized by the ABA as a "Trailblazer" for women in law and listed in "50 Key Women in Energy Worldwide". In 2011 she received Platt's Global Energy Award for Lifetime Achievement and the "2018 Legacy Award" by the Petroleum Economist. A Life Fellow of the American Law Institute and Honorary North American member of the Commercial Bar of England and Wales, she is a member of the American College Environmental Lawyers. Sheila is a Board Member of the American Friends of the Royal Society. She was elected Chairman of the Board of Directors of the United States Energy Association in May 2019. A Colorado native, Sheila is a graduate of the University of Colorado, cum laude in general studies and with honors in journalism. She received her J.D. from the University of Denver College of Law.



**ARSHAD MANSOOR**

**PRESIDENT, ELECTRIC POWER RESEARCH INSTITUTE**

Arshad Mansoor is President of the Electric Power Research Institute (EPRI), responsible for the institute's operation and portfolio of R&D programs. Mansoor has been with EPRI for 21 years and previously served as SVP of research and development, and VP of the Power Delivery and Utilization sector. Mansoor holds five U.S. patents in power electronics and distributed energy resources. He is a senior member of IEEE, served as VP of the U.S. National Committee of CIGRE, and is a member of the board for the Energy Production and Infrastructure Center (EPIC) at UNC Charlotte. He earned a B.S. in electrical engineering from the Bangladesh University of Engineering and Technology; and a M.S. (1992) and doctorate (1994) in electrical engineering from the University of Texas in Austin. He completed the MIT Reactor Technology Course and the Harvard Business School Advanced Management Program. As an energy thought leader, Arshad Mansoor has been widely quoted on related matters in both national and global press and has presented in various forums worldwide including board briefings. In addition, he has published numerous papers in journals and conference proceedings.



**DAVID CARROLL**

**PRESIDENT & CEO, GAS TECHNOLOGY INSTITUTE**

David Carroll oversees the company's operations and directs its programs for developing technologies, products, and services that create exceptional value for customers in the natural gas and related industries. Mr. Carroll joined GTI in 2001 as Vice President of Business Development and assumed his current position in 2006. Prior to joining GTI, he held various technical and management positions with Praxair, Inc., Liquid Carbonic Industries (a subsidiary of Chicago Bridge & Iron), and Air Products and Chemicals, Inc. Mr. Carroll became President of the International Gas Union (IGU) in 2015, with his term concluding at the World Gas Conference in Washington, D.C. on June 25-29, 2018, and is currently a member of the IGU Management Team. He also served as Chairman of the Steering Committee for the 17th International Conference and Exhibition on Liquefied Natural Gas held in Houston, Texas in April 2013. He is a member of the Society of Gas Lighting and serves on the board of National Fuel Gas Company. Mr. Carroll is a member of the American Gas Foundation Board of Trustees and a member of the Stanford Natural Gas Initiative Governing Board.

# SPEAKERS



STEPHEN COMSTOCK

VICE PRESIDENT, CORPORATE POLICY, AMERICAN PETROLEUM INSTITUTE

Stephen is currently the Vice President - Corporate Policy for the American Petroleum Institute. His responsibilities cover coordination and managing cross segment policy issues such as climate, tax, trade, operational security and emergency response issues. Stephen has been with API for over 16 years in a number of roles. Prior to API, Stephen was a tax attorney with ExxonMobil in their Tax Department and provided planning advice for various projects in their Upstream, Downstream and Chemical operations. He is currently an adjunct professor at Georgetown Law School and was formerly chair of the Energy and Environmental Taxes Committee of the American Bar Association's Tax Section. He received a BA from the University of Texas and a JD from George Washington University.



DR. EDMUND O. SCHWEITZER III

PRESIDENT & CHIEF TECHNOLOGY OFFICER, SCHWEITZER ENGINEERING LABORATORIES

Dr. Edmund O. Schweitzer, III, president and chief technology officer of Schweitzer Engineering Laboratories, Inc. (SEL), is recognized as a pioneer in digital power protection. He is an IEEE Fellow and a member of the National Academy of Engineering. Dr. Schweitzer has received numerous awards from universities and industry associations, including four honorary doctorates and the 2012 Medal in Power Engineering, the highest award given by the IEEE. In 2019, Dr. Schweitzer was inducted into the National Inventors Hall of Fame for his invention of the first digital protective relay. He has written dozens of technical papers and holds more than 200 patents. Dr. Schweitzer received his bachelor's and master's degrees in electrical engineering from Purdue University, and his doctorate from Washington State University. In 1982, he founded SEL to develop and manufacture digital protective relays and related products and services for electrical power systems.



LANE GENATOWSKI

DIRECTOR, ARPA-E, U.S. DEPARTMENT OF ENERGY

Lane Genatowski is the Director of the Advanced Research Projects Agency-Energy (ARPA-E), responsible for oversight and leadership of the Agency. Prior to joining ARPA-E, Director Genatowski served as Senior Advisor to the Under Secretary for Science at the U.S. Department of Energy. Before entering government service Mr. Genatowski was a managing partner at Dividend Income Advisors, a firm he founded in 2012 to invest in energy and power industry companies. Before founding Dividend Income Advisors, he led the Power Investment Banking Group at Wells Fargo Securities, LLC and held senior energy investment and management positions at Jefferies & Company, Inc., JP Morgan Chase, Kidder, Peabody & Co. and Bank of America. He began his career in the energy sector practicing law at Hawkins, Delafield & Wood in New York City.

## SPEAKERS



**WILL POLEN**

**SENIOR DIRECTOR, UNITED STATES ENERGY ASSOCIATION**

As the Senior Director at the United States Energy Association, Mr. Polen possesses nearly 30 years of experience managing cooperative programs with the U.S. Agency for International Development (USAID) and the U.S. Department of Energy (USDOE) promoting domestic and international energy security. In this capacity, he directs the multi-year USAID funded Energy Technology and Governance Program to support regional electricity and natural gas trade, strengthen cyber security and facilitate innovative approaches to network planning in the Europe and Eurasia region. In cooperation with the U.S. Department of Energy Office of Fossil Energy, Mr. Polen directs the CONSENSUS Program to inform and educate on the strategic value of fossil fuels. Mr. Polen holds a Bachelor of Arts in International Relations from the University of Delaware and a Master of Arts in International Development from The American University.



**JAMES MISEWICH**

**ASSOCIATE LABORATORY DIRECTOR, BROOKHAVEN NATIONAL LAB**

James Misewich joined Brookhaven National Laboratory in 2002 where he is currently the Associate Laboratory Director for Energy and Photon Sciences. In this role he has responsibility for a broad portfolio of energy R&D spanning the spectrum from discovery science to deployment of technologies. The Energy and Photon Sciences Directorate includes departments in Chemistry, Condensed Matter Physics and Materials Science, Grid/Energy Efficiency and Energy Storage and two DOE national user facilities: the National Synchrotron Light Source II (NSLS-II), and the Center for Functional Nanomaterials (CFN). He also has represented Brookhaven National Laboratory on the New York State Smart Grid Consortium and the New York Battery and Energy Storage Technology Consortium. Misewich is also a Professor of Physics at Stony Brook University where he teaches and has research collaborations and where he works with the SBU-BNL Energy Frontier Research Center on Energy Storage, the Center for Mesoscale Transport Properties. His current research is focused on strongly correlated electron physics.



**ROGER AINES**

**ENERGY PROGRAM CHIEF SCIENTIST, LAWRENCE LIVERMORE NATIONAL LABORATORY**

Roger Aines is the Energy Program Chief Scientist in E Program, which conducts government and private sector research in clean energy technology. He holds a Bachelor of Arts degree in Chemistry from Carleton College, and Doctor of Philosophy in geochemistry from the California Institute of Technology. Roger leads the Carbon Initiative at LLNL, which aims to understand, develop, and implement technologies for the removal of carbon dioxide from the atmosphere, so-called negative emissions technologies. He has been at LLNL since 1984 working on nuclear waste disposal, environmental remediation, application of stochastic methods to inversion and data fusion, management of carbon emissions including separation technology, and monitoring and verification methods for sequestration.



# SPEAKERS



**JOHN WAGNER**

**ASSOCIATE LABORATORY DIRECTOR, IDAHO NATIONAL LABORATORY**

Dr. John C. Wagner is the associate laboratory director of INL's Nuclear Science & Technology (NS&T) directorate. His previous roles included director of Domestic Programs in NS&T as well as director of the Technical Integration Office for the DOE-NE Light Water Reactor Sustainability Program at INL. Wagner initially joined INL as the chief scientist at the Materials and Fuels Complex in 2016. He has more than 20 years of experience performing research, and managing and leading research and development projects, programs and organizations. In 2014, Wagner became director of the Reactor and Nuclear Systems Division (RNSD), with responsibility for management direction and leadership to focus and integrate the seven RNSD R&D groups (Advanced Reactor Systems and Safety, Nuclear Data and Criticality Safety, Nuclear Security Modeling, Radiation Transport, Reactor Physics, Thermal Hydraulics and Irradiation Engineering, and Used Fuel Systems) and the Radiation Safety Information Computational Center. Wagner is a Fellow of the American Nuclear Society and recipient of the 2013 E.O. Lawrence Award.



**TED KURY**

**DIRECTOR, ENERGY STUDIES, UNIVERSITY OF FLORIDA**

Ted Kury is director of Energy Studies for the Public Utility Research Center (PURC) at the University of Florida. He is responsible for promoting research and outreach activities in energy regulation and policy. He develops research strategies that inform the academic community and practitioners on emerging issues and best practices and serves as an expert resource for regulatory professionals, policymakers, and service providers in Florida and around the world. He teaches in PURC's flagship two week program on utility regulation and strategy, and, with Sanford Berg, PURC's on-line course in Regulatory Impact Analysis. He also conducts PURC's one week advanced course on energy pricing and customized training programs around the world. He has been featured on CNN, Fox News, NPR, and the Wall Street Journal. He holds a Ph.D. in Economics from the University of Florida.



**SHALINEE KISHORE**

**ASSOCIATE DIRECTOR OF I-CPIE, LEHIGH UNIVERSITY**

Shalinee Kishore is the Iacocca Chair Professor of Electrical and Computer Engineering at Lehigh University in Bethlehem, PA. She has more than 20 years of research experience in communications theory, networks, and signal processing, with application to cyberphysical systems and smart energy systems. She received her PhD degree in Electrical Engineering from Princeton University and her BS and MS degrees from Rutgers University. She has published over 100 scientific papers in leading IEEE journals and conferences and received research grants from the U.S. National Science Foundation, the U.S. Department of Energy, state agencies, and major corporations. She serves as the Associate Director of the Institute for Cyber Physical Infrastructure and Energy at Lehigh. She is the recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE), the National Science Foundation CAREER Award, the P.C. Rossin Assistant Professorship, the Joel and Ruth Spira Excellence in Teaching Award, and the AT&T Labs Fellowship. She has also served as a Kavli Fellow for the National Academy of Sciences.

## SPEAKERS



**MICHAEL WEBBER**

**CHIEF SCIENCE & TECHNOLOGY OFFICER, ENGIE**

Dr. Michael E. Webber is based in Paris, France where he serves as the Chief Science and Technology Officer at ENGIE, a global energy & infrastructure services company. Webber is also the Josey Centennial Professor in Energy Resources at the University of Texas at Austin. Webber's expertise spans research and education at the convergence of engineering, policy, and commercialization on topics related to innovation, energy, and the environment. His latest book *Power Trip: the Story of Energy* was published May 7, 2019 by Basic Books with a 6-part companion series that aired on PBS, Amazon Prime and iTunes starting Earth Day 2020. His first book, *Thirst for Power: Energy, Water and Human Survival*, which addresses the connection between earth's most valuable resources and offers a hopeful approach toward a sustainable future, was published in 2016 by Yale Press and was converted into a documentary by Alpheus Media. He was selected as a Fellow of ASME and as a member of the 4th class of the Presidential Leadership Scholars, which is a leadership training program organized by Presidents George W. Bush and William J. Clinton. Webber has authored more than 400 publications, holds 6 patents, and serves on the advisory board for *Scientific American*. A successful entrepreneur, Webber was one of three founders in 2015 for an educational technology startup, DISCO Learning Media, which was acquired in 2018. Webber holds a B.S. and B.A. from UT Austin, and M.S. and Ph.D. in mechanical engineering from Stanford University.



1300 Pennsylvania Avenue NW, Ste. 550  
Washington, D.C. 20004