
The German Center for Research and Innovation (GCRI) and Fresenius University of Applied Sciences cordially invite you to a panel on:

The Role of Blockchain in the Energy Transition

June 18, 2018

6:30-8:00pm

with

Prof. Dr. Jens Strüker

Managing Director of the Institute for Energy Economics INEWI
Fresenius University of Applied Sciences

Scott Kessler

Director, LO3 Energy

Colleen Metelitsa

Grid Edge Analyst, GTM Research

Ashley Pilipiszyn

PhD Student, Stanford University SLAC

Andrew Reid

Senior Planning Analyst, Utility of the Future, Con Edison

moderated by

Prof. Dr. Jens Strüker

Fresenius University of Applied Sciences

The promise of blockchain technology for the energy sector is critical - by linking up distributed energy resources such as PV rooftop installations, heat pumps, electric vehicles or electricity storage, blockchains could improve system reliability, reduce operating costs, and allow consumers to share in the economic surpluses arising from better resource utilization. The panel of experts will discuss and analyze the maturity of technologies and projects in the United States and Germany.

Please [RSVP by June 16](#). Registration is required to attend the panel discussion.

Location: Grand Central Tech, 335 Madison Ave; 4th floor, New York, NY 10017

Scott Kessler is the Director of Business Development for LO3 Energy in Brooklyn NY. He is responsible for educating utilities and retailers on how transactive energy and distributed energy marketplaces are creating new opportunities and business. He previously lived in San Francisco and worked for TRC Energy Services as a consultant, primarily focused on working with west coast utilities to implement energy efficiency programs, integrate renewables, and assess their impact across the grid. Prior to his time in the Bay Area, Scott lived in NYC working at NYSEDA and Connecticut Light and Power. He received his Bachelor's degree in physics from Middlebury College in Vermont and has a Master's in Engineering from the University of Maryland.



Colleen Metelitsa is a Grid Edge Analyst with GTM Research specializing in microgrids and blockchain in energy. Prior to GTM, Colleen earned her MPA in Energy Finance and Policy from Columbia University's School of International and Public Affairs. During her Master's program, she worked with the NY Green Bank, GE Ventures, and the Massachusetts Water Resources Authority (MWRA) on topics ranging from applications of blockchain in energy to the commercial deployment of energy storage technologies. She was previously a Consultant in DNV GL's energy practice, where she worked with utilities and the U.S. Department of Energy on impact evaluations of demand response, energy efficiency, and renewable energy programs. Colleen holds an AB in Environmental Policy from Princeton University.



Ashley Pilipiszyn strives to create a sustainable, connected planet through scaling blockchain technology and artificial intelligence for distributed energy systems. She joined the blockchain community while living in Switzerland three years ago and since has been nominated as a MIT Technology Review Innovator Under 35 for Europe, awarded the 2017 Deloitte Blockchain Scholar Award, and awarded the inaugural Edmund Hillary Fellowship for her research on blockchain applications in the energy, mobility, and space industries. Ashley has worked with and advised a variety of stakeholders and companies to explore blockchain and energy use cases, prototype Dapps, and develop smart contracts with regards to renewable energy credits, electric vehicles, and peer-to-peer trading. She is currently a Program Manager for the Grid Integration, Systems & Mobility (GISMo) team at SLAC National Accelerator Lab and PhD student at Stanford where she is developing grid-specific consensus mechanisms and investigating scalable smart contracts for V2G applications.



Andrew Reid is a Senior Planning Analyst in Con Edison's Utility of the Future department in New York City. His primary focus with Con Edison Utility of the Future is to design and support the management of processes that maximize the value of innovation at Con Edison and to identify new utility models related to growth of distributed energy resources. Prior to joining the Utility of the Future Dept, Andrew worked in Con Edison's Research & Development Dept. where his primary focus was to work with internal stakeholders to shape, execute and manage projects that drive the adoption of new technologies that address strategic needs and operational sustainability for the electric business. Prior to joining Con Edison, Andrew worked at GE Global Research with diverse internal and external teams to conduct leading-edge applied research to generate innovative solutions in the Energy vertical.



Jens Strüker received his Ph.D. and habilitation in information systems and economics from University of Freiburg, after working as a visiting researcher at SAP Labs, Palo Alto. Currently, he is supervising several publicly and industry-funded blockchain research projects. He authored the study 'Blockchain in the Energy Sector' for the German Association of Energy and Water Industries (BDEW) which represents more than 1800 companies. Additionally, he has been an advisory board member of the Energy Web Foundation (EWF) since 2017 and a member of the 'working group energy' for the German Federal Government's Digital Summit in 2018. Jens is a regular keynote speaker at events across the world (Europe, Asia, Africa and the Americas) with talks like 'The Way to a Real-time Energy Economy' at the 2017 European Commission High-Level Meeting 'Interoperability to create the Internet of Energy' and 'The Promise of Blockchain to Change the Utility and Oil & Gas Industries' at the International SAP Conference for Utilities in Lisbon in 2017.

