

## Alfred University set to host first annual energy symposium

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ALFRED, NY – Alfred University’s Inamori School of Engineering will host the First Annual AUenergy Symposium, “Future of Electrical Grid Systems,” on Friday, Oct. 12, from 10 a.m. to 2 p.m. in Powell Campus Center.

The symposium will bring together industry professionals, clean energy engineers and technology students. The event focuses current and emerging generations of clean energy engineers on the issues, questions, goals and approaches needed to develop the industry’s best practices. It seeks to foster collaboration among high-tech industries, with a goal of building and securing macro-scale electrical grid systems that can respond to changing local and global needs.

Several topics will be discussed, with keynote speakers and panel discussions featuring experts and leaders in the grid energy industry. Results of discussion and collaboration among attendees will be used to establish the program for the Second Annual AUenergy Symposium in 2019.

Following is the schedule for this year’s symposium:

Welcome and opening remarks, Mark Zupan, president of Alfred University, 10 a.m., Nevins Theater.

“Grid Integration of Renewables, Energy Forecasting, and Infrastructures,” 10:10-11 a.m., Nevins Theater. Keynote speakers will be Brian Conroy of New York State Electric and Gas (NYSEG) and Rochester Gas and Electric (RG&E); and Daniel Kirk-Davidoff of UL (Albany, NY). Moderator will be S.K. Sundaram, chair of renewable energy engineering/electrical engineering/mechanical engineering in the Inamori School of Engineering. Panelists will be Dan Lu, assistant professor of renewable energy engineering, and Wallace Leigh, professor of electrical engineering.

“Grid Cybersecurity, Interoperability, and Resilience,” 11-11:50 a.m., Nevins Theater. Keynote speakers are John Simmins of the Electrical Power Research Institute in Knoxville, TN, and Santokh Badesha of Xerox Corp. in Rochester. Moderator will be David Gottfried, deputy director of the Center for Advanced Ceramic Technology at the New York State College of Ceramics, Alfred University. Panelists will be Scott Mixture and Steven Tidrow, Inamori Professors of Materials Science and Engineering.

“Grid Workforce Initiatives,” 11:50 a.m.-Noon, Nevins Theater. Presented by Alastair Cormack, interim dean, Inamori School of Engineering.

Lunch with Poster Session, Noon-12:55 p.m., Kenyon-Allen Room. Session chair will be Sangjoon Lee, professor of economics, Alfred University College of Business. Chief judge will be Robert Rees, retired Alfred State College professor of electrical engineering technology.

“Grid Data Analytics, Power and Energy Trading Policy, and Marketing,” 1-1:50 p.m., Nevins Theater. Keynote speakers will be Andrew Dorn of Energy Solutions Consortium in Herndon, VA, and Peter Paul of MKS Instruments in Rochester. Moderator will be Amit Maha, assistant professor of Mechanical engineering. Panelists will be Harpreet Bedi, assistant professor of mathematics and computer science, and Evan Enke, chair of the Computer and Information Technology Department at Alfred State College.

Conclusion and Action Points, 1:50-2 p.m., Nevins Theater, Gabrielle Gaustad, dean designee, Inamori School of Engineering. Gaustad, a 2004 Alfred University graduate (B.S., ceramic engineering), will assume her duties as dean of the Inamori School of Engineering on Jan. 1, 2019. She is an associate professor of sustainability at Rochester Institute of Technology and the Master of Science program coordinator for RIT’s Golisano Institute for Sustainability.

The symposium is sponsored by the Center for Advanced Ceramic Technology (CACT) and NYSTAR, Empire State Development, Division of Science, Technology and Innovation. To register to attend the symposium, visit [auconnect.alfred.edu/event/2571328](http://auconnect.alfred.edu/event/2571328)