ACM e-Energy

ACM Emerging Interest Group on Energy Systems and Informatics (EIG-ENERGY)

ACM e-Energy 2019, Phoenix, AZ, United States

June 25th-28th, 2019

https://energy.acm.org/conferences/eenergy/2019/
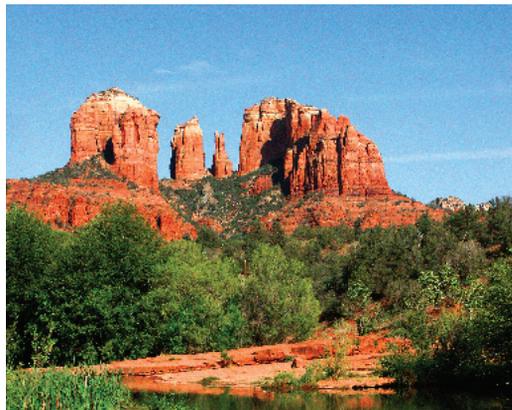
ACM e-Energy is the premier forum for research at the intersection of computing and communication technologies with energy systems. It has established a strong track record for high-quality research in the application of computing and networked systems to make legacy systems more energy-efficient and in the design, analysis, and development of innovative energy systems. **The Tenth International Conference on Future Energy Systems (ACM e-Energy) will be co-located with the ACM Federated Computing Research Conference (FCRC), from the 25th to the 28th of June 2019 at the Phoenix Convention Center in Phoenix, Arizona**. By bringing together researchers in a single-track conference designed to offer significant opportunities for personal interaction, it is a major forum for shaping the future of this area.

We seek high-quality papers at the intersection of computing and communication technologies with energy systems. We welcome submissions describing conceptual advances, as well as advances in system design, implementation and experimentation. ACM e-Energy is committed to a fair, timely, and thorough review process with sound and detailed feedback.

Relevant topics for ACM e-Energy include, but are not limited to the following:

- Applications of cyber-physical systems and industrial Internet-of-Things to smart energy systems
- Control of distribution and transmission networks
- Data analytics for the smart grid and energy-efficient systems
- Demand-side management, including innovative pricing, incentive design
- Distributed energy resources, including energy storage resources
- Distributed ledger systems for energy
- Electricity market and electricity supply chain measurement, modeling, and analysis
- Electric vehicles and energy-efficient transportation systems
- Energy-efficient computing and communication, including in data centers
- Microgrid and distributed generation management and control
- Modeling and understanding the user behavior of energy systems enabled by computing and communication technologies
- Monitoring and control of energy systems for smart grids, smart buildings, and smart cities
- Privacy and security of smart grid infrastructures

AUTHORS TAKE NOTE: The official publication date is the date the proceedings are made available in the ACM Digital Library. This date may be up to two weeks prior to the first day of your conference. The official publication date affects the deadline for any patent filings related to published work. (For those rare conferences whose proceedings are published in the ACM Digital Library after the conference is over, the official publication date remains the first day of the conference.)

General Chairs: Xiaojun Lin (Purdue University, USA), Steven Low (Caltech, USA)

Program Chairs: Suman Banerjee (University of Wisconsin, USA), Sebastian Lehnhoff (University of Oldenburg, Germany)

Photos by: Visit Phoenix

Full Paper Submissions

Up to 10 pages in 9-point ACM double-column format excluding references and appendices should present original theoretical and/or experimental research in any of the areas listed above that has not been published, accepted for publication, or under review by another workshop, conference, or journal. Paper review will follow a standard double-blind policy. Selected papers will be fast-tracked to the SpringerOpen Journal on Energy Informatics (open access fees will be waived).

Notes Paper Submissions

Up to 4 pages in 9-point ACM double-column format excluding references and appendices. Notes are intended to discuss preliminary research results, advocate new research directions, or present industrial projects. Notes will be reviewed based on the novelty of their ideas, potential for impact, and quality of presentation, following a double-blind policy.

Key Dates

- Paper registration/abstract deadline: *January 21th*
- Paper submission deadline: *January 28th*
- Author notification: *April 15th*
- E-Energy'19 conference at FCRC: *June 25-28th*
- ***Poster/demo** deadlines can be found on the webpage*