



## Second Announcement: [Abstract Submission Open!](#)

### Scope of the Conference

- Nonequilibrium transport in nanostructured materials and devices
- Coherent and incoherent carrier dynamics and ultra-fast optical phenomena
- Terahertz phenomena in semiconductor materials and devices
- Semiconductor-based spintronics
- Carrier dynamics in organic materials
- Graphene, 2D materials and van der Waals solids
- Mesoscopic phenomena in nanostructured materials and devices
- Topological states of matter
- Ultrafast carrier dynamics in energy conversion
- Energy harvesting from nanostructures
- Nonequilibrium thermal transport
- Carrier dynamics in phononic and mechanical structures

### Invited Speakers (Confirmed)

- **K. M. Dani**, Okinawa Inst. of Science & Technology, Japan
- **R. S. Deacon**, RIKEN, Japan
- M. Kataoka, National Physical Laboratory, U.K.
- P. Kim, Harvard University, U.S.A.
- M. Kira, University of Michigan, U.S.A.
- J. Kono, Rice University, U.S.A.
- **S. Ludwig**, Paul Drude Institute, Germany
- R. Nicholas, Oxford University, U.K.
- E. Pop, Stanford University, U.S.A.
- **K. Semba**, NICT, Japan
- **G. Steele**, Delft University, Netherlands
- P. Wadley, The University of Nottingham, U.K.



### Social program

In addition to planned excursions to Niagara Falls and sailing on the Spirit of Buffalo, we are proud to have located the conference in the heart of Buffalo's cultural, culinary, and entertainment districts. There are plenty of options to explore along Buffalo's waterfront, Chippewa street, Elmwood District, Historic architecture and museum tours, and of course places to relax and unwind in the temperate summer weather.

### Venue and Accommodations

EDISON 20 will be hosted in the [Hyatt Regency Hotel and Conference Center](#). Centrally located in walkable downtown [Buffalo](#), the Hyatt is steps from the historic Fountain Plaza and just minutes from fine restaurants, museums, nightlife, and the revitalized Canalside waterfront district. Due to its location at the northeastern shore of Lake Erie, Buffalo enjoys temperate summers with long sunny days. All of this just minutes away from breathtaking [Niagara Falls](#), it's no wonder Buffalo was recently named [America's favorite city](#).

### Important Dates

- Abstract submission closes: February 28, 2017
- Acceptance notification: April 7, 2017
- Hotel reservation guaranteed until: June 18, 2017

### Conference Proceedings

The Proceedings of EDISON 20 will be published in the open access Journal of Physics: Conference Series (JPCS), part of the IOP Conference Series.

### Contact Details

- Conference Chair: Jonathan Bird, Department of Electrical Engineering, University at Buffalo, [Edison20chair@buffalo.edu](mailto:Edison20chair@buffalo.edu)
- Publications Chair: Erik Einarsson, Department of Electrical Engineering, University at Buffalo, [Edison20pubs@buffalo.edu](mailto:Edison20pubs@buffalo.edu)

For Further Details & Updates: [www.buffalo.edu/edison20.html](http://www.buffalo.edu/edison20.html)