



# CALL FOR PAPERS

## EPEC 2020

### Electrical Power and Energy Conference

*“Power Systems in Transition”*

#### General Conference Co-Chairs

Alexandre Nassif, *ATCO*  
Petr Musilek, *University of Alberta*

#### Technical Program Committee Co-Chairs

Gregory Kish, *University of Alberta*  
Konstantin Geramisso, *EPCOR*

#### Industry Program Committee Chair

Ahsan Upal, *Burns and McDonnell*

#### Finance Co-Chairs

Anand Shah, *Powertech*  
Teng Li, *University of Alberta*

#### Workshop and Panels Chair

Hao Liang, *University of Alberta*

#### Publications Committee Chairs

Omid Ardakanian, *University of Alberta*  
Hadis Karimipour, *University of Guelph*

#### Patronage Committee Chair

Alan Xia, *ATCO*

#### Publicity Committee Chair

Xiaodong Liang, *University of Saskatchewan*

#### Local Arrangement Chair

Marek Reformat, *University of Alberta*

#### IEEE Canada CONAC Chair

Alexandre Nassif, *ATCO*

#### Advisory Committee

Raed Abdullah, *Hydro-Ottawa*  
Jason Gu, *Dalhousie University*  
Maike Luiken, *Lambton College*  
Witold Kinsner, *University of Manitoba*

#### IEEE Canada President

Jason Gu, *Dalhousie University*

#### Website

<https://epec2020.ieee.ca/>

### November 9-10, 2020, Virtual Edmonton, Canada

The annual IEEE Canada Electrical Power and Energy Conference (EPEC 2020) will move to virtual platform ~~take place in Edmonton, Alberta, Canada from October 14-16, 2020~~. EPEC 2020 is a conference that provides an opportunity for experts from industry, academia, government sector and other interested organizations from Canada and abroad to present and discuss the latest developments in the electric power and energy systems: academic, industrial and government research and development, industrial and business trends and challenges, as well as regulatory and policy aspects. This includes debate on the potential impact of these developments on the society. The conference provides an international forum for the presentation of peer-reviewed papers and presentations on power and energy research and development, applications and their implementations.

**Topics:** The EPEC 2020 welcomes submission of papers related to the conference theme including, but not limited to, the following topics:

- Power Quality and Reliability
- Power System Protection and Wide Area Protection
- Power System Stability and Control
- Renewables and Distributed Energy Resources
- Microgrids and Isolated Grids
- Cyber Security
- Applications of Data Analytics, Artificial Intelligence, Machine Learning
- Smart Grids
- Transactive Energy and Electricity Markets
- HVDC, FACTS, and High-Power Converters

**Paper Submission:** The format of the paper should follow the IEEE conference paper style. EPEC 2020 will only accept the electronic submission of a full paper in English. Detailed information on the paper format and submission procedure is available at: <https://epec2020.ieee.ca>. EPEC 2020 proceedings will be submitted to IEEE Xplore. The EPEC 2020 authors are invited to submit extended versions of their presented conference papers for publication in the IEEE Canadian Journal of Electrical and Computer Engineering (CJECE) Special Issue, <http://journal.ieee.ca>.

#### Important Dates:

Submission of full papers	Aug 31 <sup>st</sup> , 2020
Submission of workshop and panel session proposals	July 31 <sup>st</sup> , 2020
Submission of tutorial proposals	July 31 <sup>st</sup> , 2020
Notification of workshop/panel/tutorial acceptance	Aug 15 <sup>th</sup> , 2020
Notification of paper acceptance	Sept 15 <sup>th</sup> , 2020
Submission of final camera-ready papers	Oct 1 <sup>st</sup> , 2020

**Exhibition and Sponsorship:** Showcase your products and services to Canadian and international audience. Book your space now! Visit the conference website for more information.

#### Sponsors



Northern Canada Section  
Southern Alberta Section  
North Saskatchewan Section  
Winnipeg Section

#### Technical Co-Sponsors

