



# EPEC 2018

**Clean Technologies  
for Smart Cities**  
 > Toronto, Ontario  
 > October 10–11, 2018

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## Program

### Program at a glance: Wednesday, October 10

*Subject to change*

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7:30 am ET	Library Building <b>Registration opens</b>
8:00 am	Oakham House – Tecumseh Auditorium <b>Breakfast</b>
9:00 am	Library Building – Library Lecture Hall – LIB72 <b>Welcome (Bala Venkatesh, Conference Chair, EPEC 2018)</b> <b>Opening remarks (Maike Luiken, President, IEEE Canada)</b>

**Keynote (Parveen Verma, Tata Power Delhi Distribution Limited)**

10:00 am	Podium Building <b>Coffee break</b>				Podium Building – POD 372 <b>Exhibits</b> 10:00 am–3:20 pm
	Podium Building – POD 358 <b>Paper sessions</b>	Podium Building – POD 366 <b>Paper sessions</b>	Podium Building – POD 368 <b>Paper sessions</b>	Library Building – Library Lecture Hall – LIB72 <b>Industry sessions and tutorials</b>	

10:20 am	Session 1: Photovoltaic energy systems I	Session 2: Smart grids & smart cities	Session 3: Electric machines	Industry session 1: IoT Solutions for the Digital World
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12:00 pm	Pantages Hotel <b>Lunch</b>			
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1:20 pm	Session 4: Photovoltaic energy systems II	Session 5: Policies, regulation, and planning	Session 6: Power systems planning and operation I	Tutorial 1: Power Quality in Distribution Grids – Its Impact on Customer Supply Reliability
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3:00 pm	Podium Building <b>Coffee break</b>			
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3:20 pm	Session 7: Electric vehicles	Session 8: Electricity market, conservation & demand management	Session 9: Power systems planning and operation II	Tutorial 2: Roadmap to Energy Storage Standards Development – Updates and Relevance
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6:00 pm–8:00 pm	Pantages Hotel <b>Banquet</b> <b>Welcome (Omid Alizadeh, Technical Chair, EPEC 2018)</b> <b>Keynote (Maïke Luiken, President, IEEE Canada)</b>			
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## Program at a glance: Thursday, October 11

*Subject to change*

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8:00 am ET	Tecumseh Auditorium <b>Breakfast</b>				
	Library Building <b>Registration</b>				
	Podium Building – POD 358 <b>Paper sessions</b>	Podium Building – POD 366 <b>Paper sessions</b>	Podium Building – POD 368 <b>Paper sessions</b>	Library Building – Library Lecture Hall – LIB72 <b>Industry sessions and tutorials</b>	Podium Building – POD 372 <b>Exhibits</b> 10:00 am– 3:20 pm
09:00 am	Session 10: Industry papers	Session 11: Wind energy systems	Session 12: Data analytics & computation methods	<a href="#">Tutorial 3: Planning Aspects of Asset Management for Electrical Utilities</a>	
10:00 am	Podium Building <b>Coffee break</b>				
10:20 am	Session 13: Energy storage systems	Session 14: Distribution systems	Session 15: Modeling and design	<a href="#">Industry session 2: Building Blocks of a Smart City</a>	
12:00 pm	Pantages Hotel <b>Lunch</b>				
1:20 pm	Session 16: Power electronics I	Session 17: Microgrids I	Session 18: Reliability, resiliency & cyber security	<a href="#">Tutorial 4: Standards Tutorial – Changes in the New Energy Market</a>	
3:00 pm	Podium Building <b>Coffee break</b>				
3:20	Session 19:	Session 20:	Session 21:	Tutorial 4 continues	

pm	Power electronics II	Microgrids II	Miscellaneous
5:00 pm	Library Building – Library Lecture Hall – LIB72 <b>Women in engineering panel: Creating a Diverse Smart Grid Sector: Challenges and Opportunities</b>		
6:00 pm– 7:00 pm	Library Building – Library Lecture Hall – LIB72 <b>Young professionals event</b>		

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IEEE EPEC 2018

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