

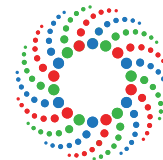


# ACEPT

Asian Conference on Energy, Power and Transportation Electrification **2018**

ACEPT is part of:

**ASIA  
CLEAN ENERGY  
SUMMIT**  
CONFERENCE & EXHIBITION



PART OF THE

**SIEW**  
SINGAPORE INTERNATIONAL ENERGY WEEK

**30<sup>th</sup> OCT - 2<sup>nd</sup> NOV 2018**

Nanyang Technological University and  
Sands Expo and Convention Centre,  
Marina Bay Sands  
Singapore

## Announcement and Call for Papers

The third Asian Conference on Energy, Power and Transportation Electrification (ACEPT) as a part of Asia Clean Energy Summit (ACES) held in conjunction with Singapore International Energy Week (SIEW 2018) will cooperate with the Institute of Electrical and Electronics Engineers (IEEE) to bring together the world leading experts to present emerging topics on energy, power, and transportation electrification.

Papers of practical importance are solicited in the following areas:

### 1. Renewable Energy

- 1.1 Photovoltaic power conversion
- 1.2 Wind power generation (onshore and offshore)
- 1.3 Tidal, wave and other ocean energy systems
- 1.4 Floating renewable systems
- 1.5 Distributed generation
- 1.6 Renewable enabled remote grids
- 1.7 Power electronics for utilities

### 2. Energy Storage

- 2.1 Specialty batteries
- 2.2 Super capacitors
- 2.3 Flywheel
- 2.4 Uninterruptible power supplies
- 2.5 Power electronics for energy storage

### 3. Smart Grid

- 3.1 Solid state transformers
- 3.2 Solid state circuit breakers
- 3.3 Smart grid communication
- 3.4 Microgrid interoperability
- 3.5 AC, DC and hybrid AC/DC micro grids
- 3.6 Medium voltage DC transmission and distribution
- 3.7 Smart house and building technologies
- 3.8 Virtual Inertia

### 4. Transportation Electrification

- 4.1 Electric vehicle propulsion
- 4.2 Railway drivetrains
- 4.3 Ship Electrification
- 4.4 More electric aircraft
- 4.5 V2G and V2H
- 4.6 Charging technologies
- 4.7 Charging infrastructure
- 4.8 Port electrification

### 4.9 Flash charging buses

### 5. Emerging Technologies

- 5.1 Wireless charging
- 5.2 High efficiency energy harvest
- 5.3 Wide bandgap devices for electrification applications
- 5.4 Novel power converter topologies

### 6. Renewables, Policy & Financing

- 6.1 Business models and policies
- 6.2 Government initiatives and incentives
- 6.3 Market opportunities in Southeast Asia

### 7. Multi Energy Grids and Low Carbon District

- 7.1 Multi energy grids
- 7.2 Low carbon district

**Deadline for submission of full paper is 01 June 2018.**

**Authors will be notified of acceptance no later than 20 July, 2018.**

**Final paper manuscripts are due no later than 14 September, 2018.**

**Preparation of Full Paper:** Prospective authors of technical papers are asked to submit a full paper of their planned presentation. Full papers for ACEPT 2018 must be submitted in electronic format no later than 1 June, 2018. Authors are requested to download and fill in the Full Paper template ([Word format - A4, US Letter](#)) with details of the primary contact and presenter. For details, please visit <http://accept.asia>. All authors should obtain company and governmental clearance prior to submission of the Full Paper. Full Papers will be sent to multiple reviewers; therefore, "Confidential" and "Proprietary" information should be omitted.

**Please note that papers presented at ACEPT must be original material and not have been presented at previous conferences or previously published. Manuscripts not received by the deadline above may not be published in the Proceedings and will not be presented at the conference. Finished manuscripts are not to exceed 8 pages.**

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**A peer review process will be used to evaluate all papers submitted for consideration. Anyone interested in becoming a reviewer is encouraged to email [ACEPT@ntu.edu.sg](mailto:ACEPT@ntu.edu.sg). The principal criterion in reviewing papers for acceptance will be the usefulness of the presentation to the practicing power engineering professional. The reviewers value evidence of completed experimental work.**

ACEPT 2018 is technically co-sponsored by IEEE Transportation Electrification Community, Power Electronics Society, Power and Energy Society and Industry Applications Society. Accepted and presented papers will be indexed in IEEE Xplore Digital Library.

For more information, contact and visit:

Secretariat, ACEPT 2018

Email: [ACEPT@ntu.edu.sg](mailto:ACEPT@ntu.edu.sg)

Website: <http://accept.asia>