

## IPST 2017 Technical Committee

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Ramirez, A. (Mexico)  
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Tavares, M. C. (Brazil)  
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Kim, K. H. (Hankyung Natl. Univ.)  
Kim, T. K., Yoon, Y. B., Song, I. K., Sim, E. B., Woo, J. W., Ahn, Y. H., Lee, B. S. (KEPRI)  
Lee, B. K., Jung, S. Y. (Sungkyunkwan Univ.)  
Lee, Y. H., Yoon, J. Y., Ahn, S. P., Lee, D.J. (KERI)  
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Rhee, S. B. (Yeungnam University)  
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# International Conference on Power Systems Transients 2017



Hosted by  
**Sungkyunkwan University**  
(SKKU)

**Seoul, Republic of Korea**

**June 26<sup>th</sup>-29<sup>th</sup>, 2017**

**CALL FOR PAPERS**

**The International Conference on Power Systems Transients (IPST)** offers a platform for the exchange of scientific and technical information related to electromagnetic transients in electric power systems. Contributors are sought on all topics related to the study of transient phenomena in electric energy systems. This includes, but is not limited to, computer simulations, transient network analyzer studies, and field measurements. IPST is a biennial event, and the 2017 session will be hosted by Sungkyunkwan University, Republic of Korea.

## Suggested Topics

### Studies:

Temporary Overvoltages  
Switching and Fault Transients  
Lightning Surges, Insulation Coordination  
System Protection, Faults Location  
Inrush Currents, Ferroresonance  
Sub-Synchronous Resonance  
System Dynamics, Abnormal Oscillations  
Harmonics and Power Quality, Microgrid  
Power Conversion, AC-DC Interactions  
Integration of Renewable Energy Sources  
Geomagnetically Induced Transients

### Components:

Transmission Lines and Cables  
Transformers and Reactors  
Circuit Breakers, Surge Arresters  
Power Electronics, FACTS, HVDC  
Electrical Machines and Drives  
Alternative Energy Sources  
Control Systems, ESS, EV

### Modeling and Simulations:

Solution Methods and Algorithms  
Simulation Tools, HILS  
Real-Time Simulators

### Field Measurements:

Model Verification  
Ageing and Condition Monitoring  
Parameter Identification

## Author Schedule

Deadline for Abstracts	Oct. 15 <sup>th</sup> , 2016(extended)
Provisional Acceptance	Nov. 15 <sup>th</sup> , 2016(extended)
Full Paper Submission	Jan. 15 <sup>th</sup> , 2017
Notification of Acceptance	Mar. 15 <sup>th</sup> , 2017
Deadline for Final Manuscripts	Apr. 15 <sup>th</sup> , 2017

## Conference Website

The Conference Web Site is:

<http://www.ipst2017.com/>

All activities and questions related to the conference, including abstracts and papers submission, registration, sessions and activities program, accommodations, and travelling arrangements will be coordinated through this portal.

## Submission of Abstracts

Prospective authors are encouraged to submit abstracts of their contributions.

Abstracts should be submitted in electronic form as detailed in the Conference Web Site. The abstract should be typed directly in the web form and will consist of 400 - 600 words summarizing the paper.

Final acceptance will be based on the full paper. All accepted papers will be scheduled for presentation in full at the conference. At least one of the authors must register for the conference to present the paper. The full papers will be included in the registration USB and will be posted in the organization's permanent web site at

<http://www.ipstconf.org/>. Selected papers will be recommended by the Session Chairs for submission to a journal publication (EPSR).

## Conference Venue

The conference will be held at Sungkyunkwan University, Seoul, Republic of Korea, from 26<sup>th</sup> (Mon) to 29<sup>th</sup> (Thu) June 2017. Accommodation will be available in Shilla Stay Gwanghwamun and Tmark Grand Hotel at affordable rates.

Seoul, as the capital city of Republic of Korea, acts as the political, cultural, commercial, and financial center. Seoul is also a historical city with a 2,000-year history spanning from antiquity to modern times. Throughout the centuries in terms of defense and the economy, it has been an important strategic point for the three kingdoms of Baekje, Goguryeo, and Shilla (BCE57–CE688). Indeed, whichever kingdom claimed Seoul became the dominant power. Furthermore, the Joseon Dynasty (1392–1910) declared Seoul its capital, a role that Seoul still plays to this day. Understandably, Seoul has many tourist attractions, including old palaces and gardens.

Sungkyunkwan University, conference venue, is one of the historical places in Seoul. It was founded in 1398 by the Joseon Dynasty as the foremost educational institution of Joseon, by the great code of the state administration pertaining to the royal assent. Now, it remains in existence as the university and is still the area of history, including Myeongnyundang lecture hall and ginkgo trees that are designated as natural monument No. 59.