



# 12<sup>th</sup> International Conference on Power Systems Transients 26<sup>th</sup>-29<sup>th</sup> of June 2017, Seoul, Republic of Korea

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**Prof. Chul-Hwan Kim, Chairperson of the IPST 2017 LOC**



**Bukchon Hanok Village (One of the 100 Sightseeing in Republic of Korea)**



# 12<sup>th</sup> International Conference on Power Systems Transients 26<sup>th</sup>-29<sup>th</sup> of June 2017, Seoul, Republic of Korea

2/28

- In the meeting with Steering Committee in IPST 2015,  
I proposed **Seoul** can be the fairly attractive venue of next IPST.
- Finally **Seoul, Republic of Korea**, was chosen as the host country  
of **IPST 2017**.

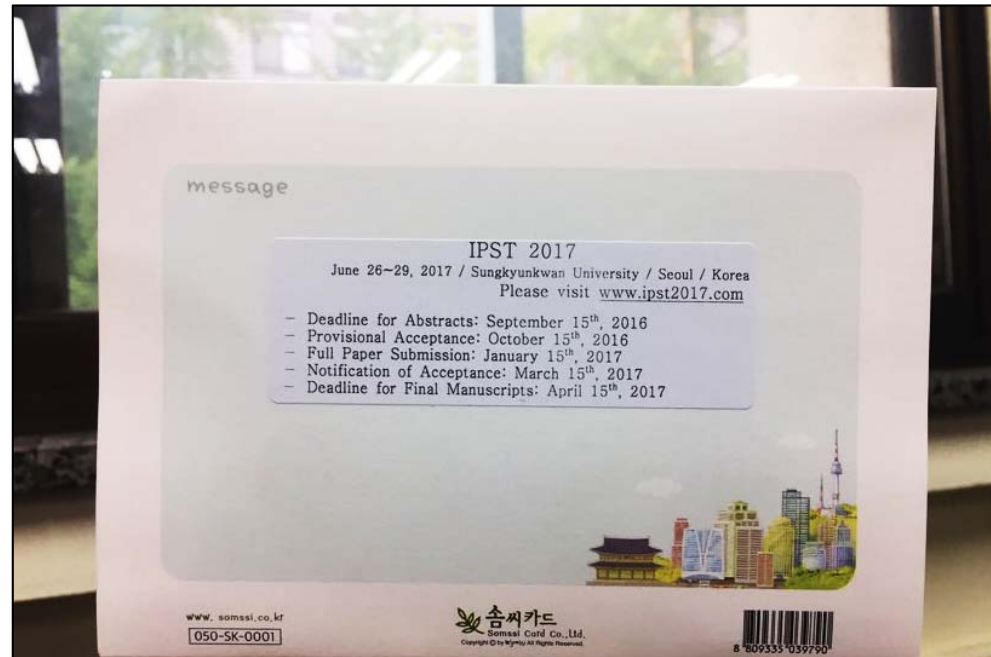




# 12<sup>th</sup> International Conference on Power Systems Transients 26<sup>th</sup>-29<sup>th</sup> of June 2017, Seoul, Republic of Korea

3/28

- About one year ago, I sent this postcard to many people to promote IPST 2017.
- I am very pleased you accepted my invitation.





# 12<sup>th</sup> International Conference on Power Systems Transients 26<sup>th</sup>-29<sup>th</sup> of June 2017, Seoul, Republic of Korea

4/28



**Hosted by  
Sungkyunkwan University (SKKU)**

**Main sponsor:**



**Gold level sponsors:**



**Silver level sponsor:**





# 12<sup>th</sup> International Conference on Power Systems Transients 26<sup>th</sup>-29<sup>th</sup> of June 2017, Seoul, Republic of Korea

5/28

## Organizer:



## Technical Sponsors:





# 1. Steering Committee

6/28

## ❑ Co-Chairpersons:

Correia de Barros, M. T. (Portugal)

Ametani, A. (Japan)

## ❑ Committee Members:

Grebe, T. (USA)

Iravani, R. (Canada)

Mahseredjian, J. (Canada)

Marti, J. R. (Canada)

Naredo, J. L. (Mexico)

Neves, W. L. A. (Brazil)

Nucci, C. A. (Italy)

Prikler, L. (Hungary)

Xemard, A. (France)

❑ **Secretary:** Noda, T. (Japan)

❑ **Honorary Chairperson:** Dommel, H. W. (Canada)

❑ **Honorary Member:** Carneiro Junior, S. (Brazil)



## 2. Local Organizing Committee

7/28

### □ Chairperson:

Kim, C.H. (Sungkyunkwan University)

### □ Committee Members:

Ahn, S.P. (Korea Electrotechnology Research Institute)	Lee, D.J. (Korea Electrotechnology Research Institute)
Ahn, Y.H. (Korea Electric Power Research Institute)	Lee, Y.H. (Korea Electrotechnology Research Institute)
Cha, J.M. (Daejin University)	Park, C.W. (Gangneung-Wonju National University)
Han, S.K. (Kyungpook National University)	Rhee, S.B. (Yeungnam University)
Hur, K. (Yonsei University)	Rho, D.S. (Koreatech)
Jang, G.S. (Korea University)	Sim, E.B. (Korea Electric Power Research Institute)
Jung, S.Y. (Sungkyunkwan University)	Song, I.K. (Korea Electric Power Research Institute)
Kang, Y.C. (Chonbuk National University)	Song, K.H. (Korea Power eXchange)
Kim, K.H. (Hankyung National University)	Woo, J.W. (Korea Electric Power Research Institute)
Kim, T.K. (Korea Electric Power Research Institute)	Won, Y.J. (Korea Electric Power Corporation)
Lee, B.K. (Sungkyunkwan University)	Yoon, J.Y. (Korea Electrotechnology Research Institute)
Lee, B. S. (Korea Electric Power Research Institute)	Yoon, Y.B. (Korea Electric Power Research Institute)



## 3. Local Advisory Committee

8/28

### □ Co-Chairpersons:

Han, B.M. (Myongji University)

Park, J.H. (Pusan National University)

### □ Committee Members:

Chang, J.W. (Korea South-East Power Co.)

Kim, J.E. (Chungbuk National University)

Cho, J.M. (Korea Power eXchange)

Kim, J.H. (Hongik University)

Choi, J.S. (Gyeongsang National University)

Koo, J.Y. (Hanyang University, Emeritus)

Kim, D.S. (Korea Electric Power Research Institute)

Lee, H.J. (Kwangwoon University)

Kim, H.Y. (Korea Electrotechnology Research Institute)

Moon, Y.H. (Yonsei University)

Kim, J.C. (Soongsil University)

Won, C.Y. (Sungkyunkwan University)





# 4. Practical Information

## □ IPST 2017 Time Schedule

Monday 26 <sup>th</sup> June	Tuesday 27 <sup>th</sup> June	Wednesday 28 <sup>th</sup> June	Thursday 29 <sup>th</sup> June
8:00-08:30 Authors/Chair Meeting	8:00-08:30 Authors/Chair Meeting	8:00-08:30 Authors/Chair Meeting	8:00-08:30 Authors/Chair Meeting
8:30-10:15 Opening Ceremony & Keynote	8:30-10:15 Technical Sessions	8:30-10:15 Technical Sessions	8:30-10:15 Technical Sessions
10:15-10:30 Coffee Break	10:15-10:30 Coffee Break	10:15-10:30 Coffee Break	10:15-10:30 Coffee Break
10:30-12:30 Technical Sessions	10:30-12:30 Technical Sessions	10:30-11:30 Technical Sessions	10:30-12:30 Technical Sessions
12:30-14:00 Lunch	12:30-14:00 Lunch	11:30-12:50 Lunch	12:30-14:00 Lunch
13:30-14:00 Authors/Chair Meeting	13:30-14:00 Authors/Chair Meeting	13:00-18:00 Technical Tour & Excursion	
14:00-15:45 Technical Sessions	14:00-15:45 Technical Sessions		14:00-15:45 Closing Ceremony & Best Paper Award
15:45-16:00 Coffee Break	15:45-16:00 Coffee Break		
16:00-17:45 Technical Sessions	16:00-17:45 Technical Sessions		
18:00-20:00 Welcome Reception		19:00-21:00 Banquet	



## 4. Practical Information

10/28

### □ Authors/Chair Meeting

- Authors/Chair meetings of **all morning/afternoon** technical sessions will be held at **08:00/13:30** simultaneously.
- Please check the meeting schedule in the program book.

Date	Time	Authors/Chair Meeting	Room
Mon. 26th June	08:00 – 08:30	1A	Multimedia Lecture Room
		1B	International Hall
	13:30 – 14:00	2A, 3A	Multimedia Lecture Room
		2B, 3B	International Hall
Tue. 27th June	08:00 – 08:30	4A, 5A	Multimedia Lecture Room
		4B, 5B	New Millennium Hall
	13:30 – 14:00	6A, 7A	Multimedia Lecture Room
		6B, 7B	New Millennium Hall
Wed. 28th June	08:00 – 08:30	8A, 9A	Multimedia Lecture Room
		8B, 9B	New Millennium Hall
Thu. 29th June	08:00 – 08:30	10A, 11A	Multimedia Lecture Room
		10B, 11B	New Millennium Hall

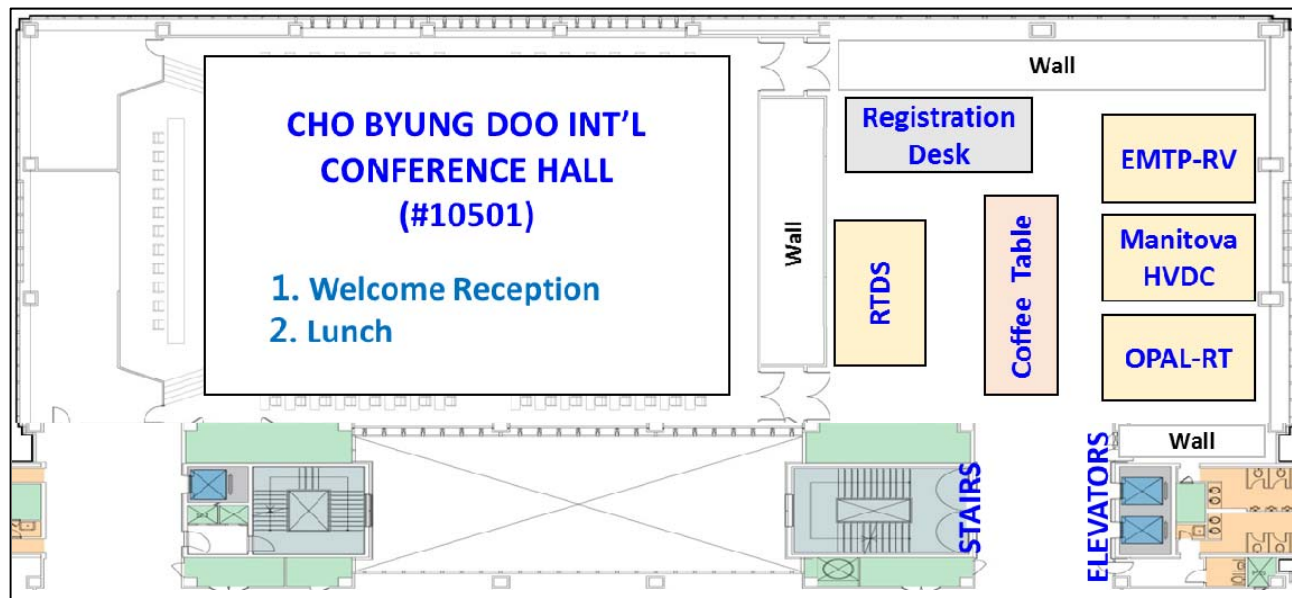


## 4. Practical Information

11/28

### □ Cho Byung Doo Int'l Conference Hall (5F)

- **Coffee Breaks & Exhibition**
- **Lunch:** Every day, 12:30-14:00 but 28<sup>th</sup>(Wednesday), 11:30-12:50
- **Welcome Reception**
  - **Today at 18:00 – 20:00**
  - Reception with snacks and drinks (light supper)



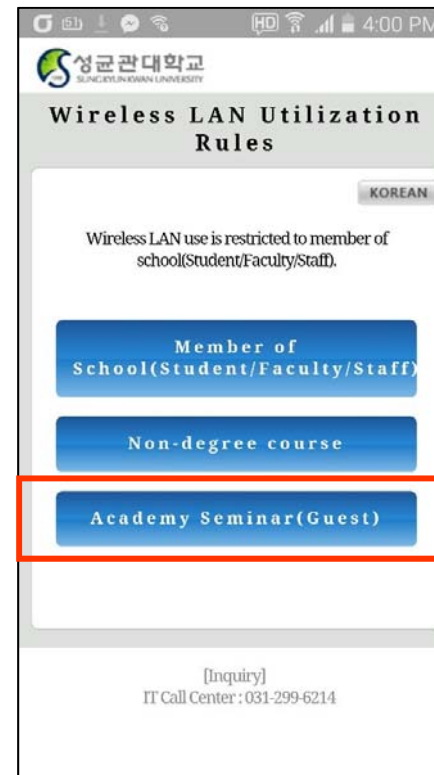
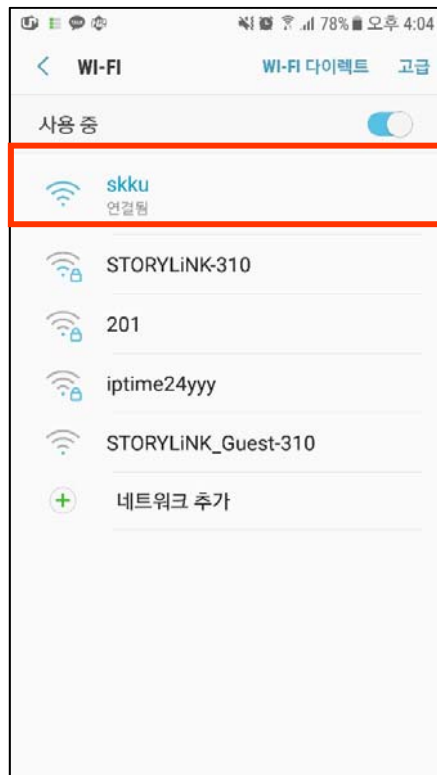


## 4. Practical Information

12/28

### □ Wireless internet access

- ① Choose 'skku' network
- ② Choose 'Academy Seminar(Guest)' account





## 4. Practical Information

### □ Wireless internet access

- ③ Key value is '8SS4TGE'. – look behind the name badge
- ④ Click 'Confirm' and wait for connection

**Front**

International Conference on  
Power Systems Transients  
IPST 2017  
26<sup>th</sup> - 29<sup>th</sup> of June 2017  
Seoul, Republic of Korea

**Kim Chul-Hwan**  
Sungkyunkwan University  
Republic of Korea

**Session Chair**

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**Back**

Wireless internet access  
- choose 'skku' network  
(password: 8SS4TGE)

<Name Badge>

성균관대학교  
SUNGKYUNKWAN UNIVERSITY

Wireless LAN  
authentication for  
members (1/3)

8SS4TGE

- Enter the key value.
- Please enter a value for pre-approvals issued, you can use.

**Confirm**

Cancel

[Inquiry]  
IT Call Center : 031-299-6214

성균관대학교  
SUNGKYUNKWAN UNIVERSITY

Wireless LAN  
authentication for  
members (2/3)

Completed wireless LAN authentication  
Your wireless LAN authentication is completed.

You can use wireless internet in 1 minute.  
Open a new webpage to use the internet.

**If you have any problems  
with connection,  
please reconnect Wi-Fi**

[Inquiry]  
IT Call Center : 031-299-6214



# 4. Practical Information

## □ Technical tour, Excursion and Banquet

- Wednesday, 28<sup>th</sup> of June, 13:00 – 21:00

Monday 26 <sup>th</sup> June	Tuesday 27 <sup>th</sup> June	Wednesday 28 <sup>th</sup> June	Thursday 29 <sup>th</sup> June
8:00-08:30 Authors/Chair Meeting	8:00-08:30 Authors/Chair Meeting	8:00-08:30 Authors/Chair Meeting	8:00-08:30 Authors/Chair Meeting
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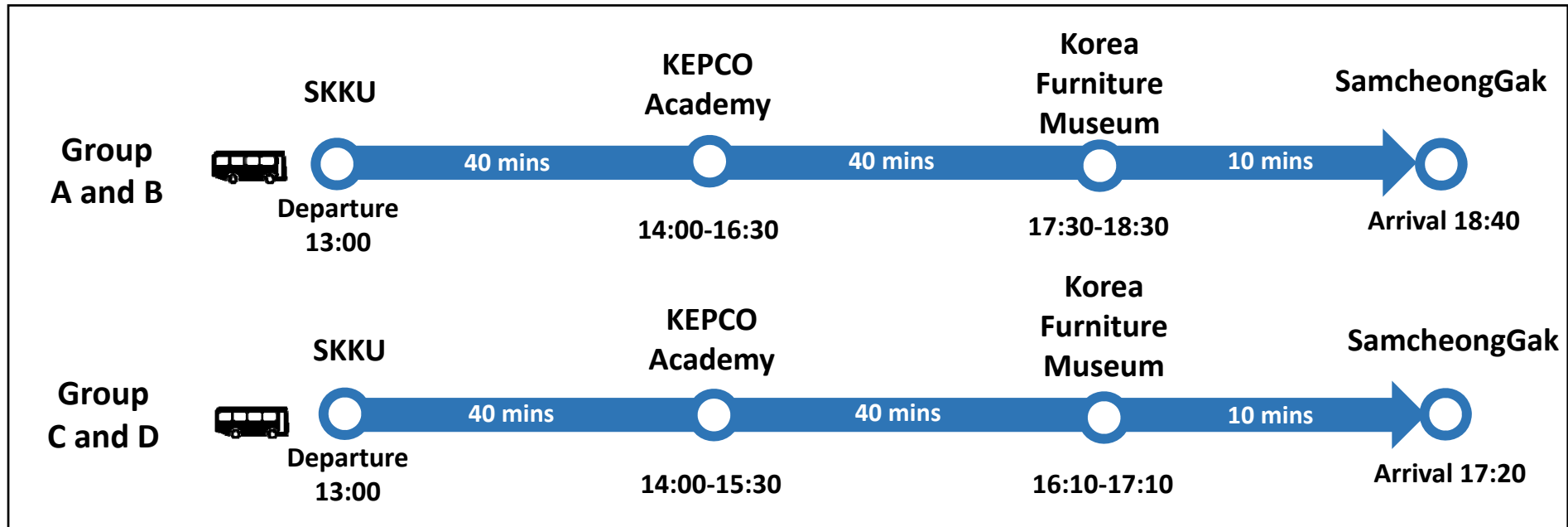


## 4. Practical Information

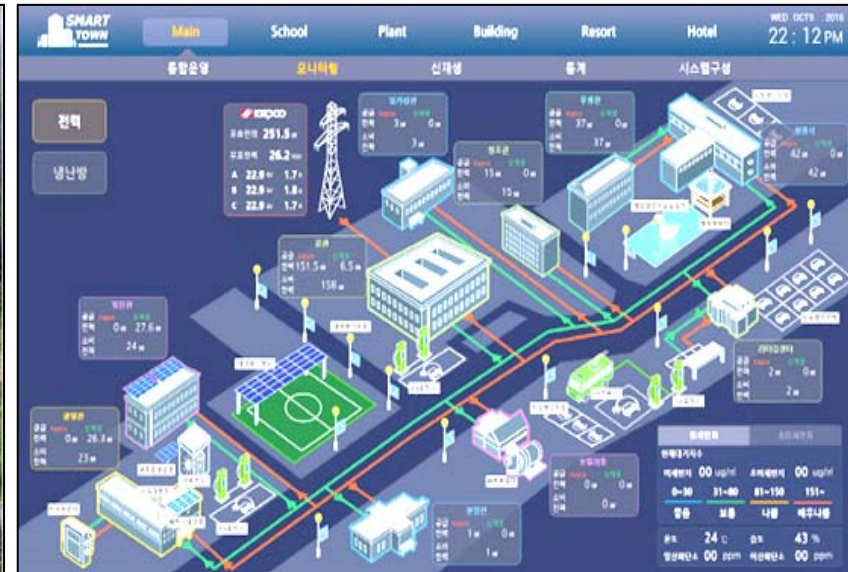
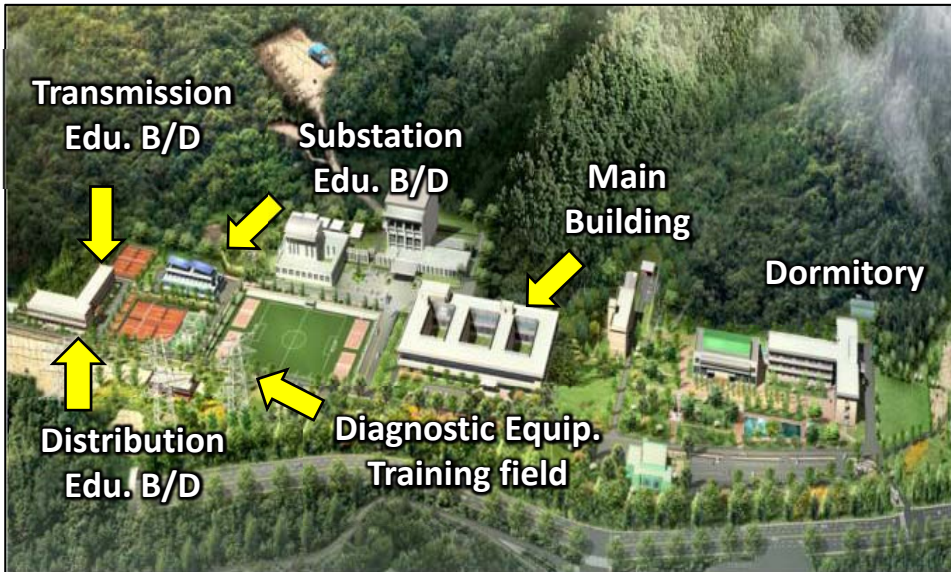
15/28

### □ Technical tour , Excursion and Banquet

- Buses will depart from nearby the 600<sup>th</sup> Anniversary Hall entrance.
- Four groups for **Excursion & Technical tour**
  - **Group A, B, C, and D** - Tour Information will be provided on **Wednesday(28<sup>th</sup>)**.



## □ Korea Electric Power Corporation(KEPCO) Academy



- KEPCO Academy provides numerous programs for people from all around the world who wish to **benchmark KEPCO's experience, know-how** and **advanced technologies** in the electric power industry.





## 6. Excursion

17/28

### □ Korea Furniture Museum



- The museum provides the collection of **Korea traditional furniture** by type, material-specific and regions, so visitors can understand the property of **Korean traditional life and traditional decor**.



# 7. Banquet











## □ SamcheongGak

- This is a **traditional and cultural complex** where all participants can experience the class and taste of **Korea's elegant tradition** passed down through creative inheritance.





# 8. Weather

<p>Current weather 23:30</p>  <p>Sunny Temperature <b>22</b> °C Precipitation <b>1.5</b> mm</p>	<p>Today morning, Sunday 06.25.</p>  <p>Cloudy and occasional rain Temperature <b>22</b> °C Probability of precipitation <b>70</b> %</p>	<p>This afternoon, Sunday 06.25.</p>  <p>Cloudy rain Temperature <b>28</b> °C Probability of precipitation <b>80</b> %</p>	<p>Morning, Monday 26th June</p>  <p>Cloudy &amp; rain Temperature <b>21</b> °C Probability of precipitation <b>80</b> %</p>	<p>Afternoon, Monday 26th June</p>  <p>Cloudy &amp; rain Temperature <b>27</b> °C Probability of precipitation <b>70</b> %</p>
<p>Tuesday 27th June</p>  <p>Very cloudy Minimum temperature <b>21</b> °C Maximum temperature <b>30</b> °C</p>	<p>Wednesday 28th June</p>  <p>Be getting cloudy Minimum temperature <b>20</b> °C Maximum temperature <b>29</b> °C</p>	<p>Thursday 29th June</p>  <p>Cloudy Minimum temperature <b>21</b> °C Maximum temperature <b>30</b> °C</p>	<p>Friday 06.30.</p>  <p>Cloudy Minimum temperature <b>21</b> °C Maximum temperature <b>30</b> °C</p>	<p>Saturday 07.01.</p>  <p>Cloudy Minimum temperature <b>21</b> °C Maximum temperature <b>29</b> °C</p>



## 9. 22 years of IPST

20/28

1. IPST 1995 in Lisbon, Portugal
2. IPST 1997 in Seattle, USA
3. IPST 1999 in Budapest, Hungary
4. IPST 2001 in Rio de Janeiro, Brazil
5. IPST 2003 in New Orleans, USA
6. IPST 2005 in Montreal, Canada
7. IPST 2007 in Lyon, France
8. IPST 2009 in Kyoto, Japan
9. IPST 2011 in Delft, The Netherlands
10. IPST 2013 in Vancouver, Canada
11. IPST 2015 in Cavtat, Croatia
- 12. IPST 2017 in Seoul, Republic of Korea**



## 10. Papers from IPST 2015 Published in EPSR journal

21/28

Electric Power Systems Research 138 (2016) 1–2

Contents lists available at [ScienceDirect](#)



Electric Power Systems Research

journal homepage: [www.elsevier.com/locate/epsr](http://www.elsevier.com/locate/epsr)



Editorial

Special issue: Papers from the 11th International Conference on Power Systems Transients (IPST)<sup>☆</sup>



- ❑ **Volume 138** (Sep. 2016) of Electric Power Systems Research (EPSR) journal provided a summary of selected papers presented at the IPST 2015, held in Cavtat.
- ❑ This was the **fourth special issue** dedicated to IPST and published in the **EPSR journal**
- ❑ In IPST 2017, **SC** will select the papers recommended by **Session Chair** for publication in the special issue of the EPSR journal.



# 11. Best Paper Award

22/28

## □ Objective

- To encourage **student members** to participate in the conference

## □ Selection

- SC, TC, and LOC will select the best presentation in student papers recommended by Session Chairs.

## □ Award

- Certificates and additional prize will be awarded **at the Closing Ceremony.**





## 12. IPST 2017 Group Photo

23/28

❑ Right after the **opening ceremony** – Please Follow the IPST 2017 staffs

❑ In case of rain,

Group Photo will be delayed to 11:30am (Wed. 28<sup>th</sup>) - before lunch.



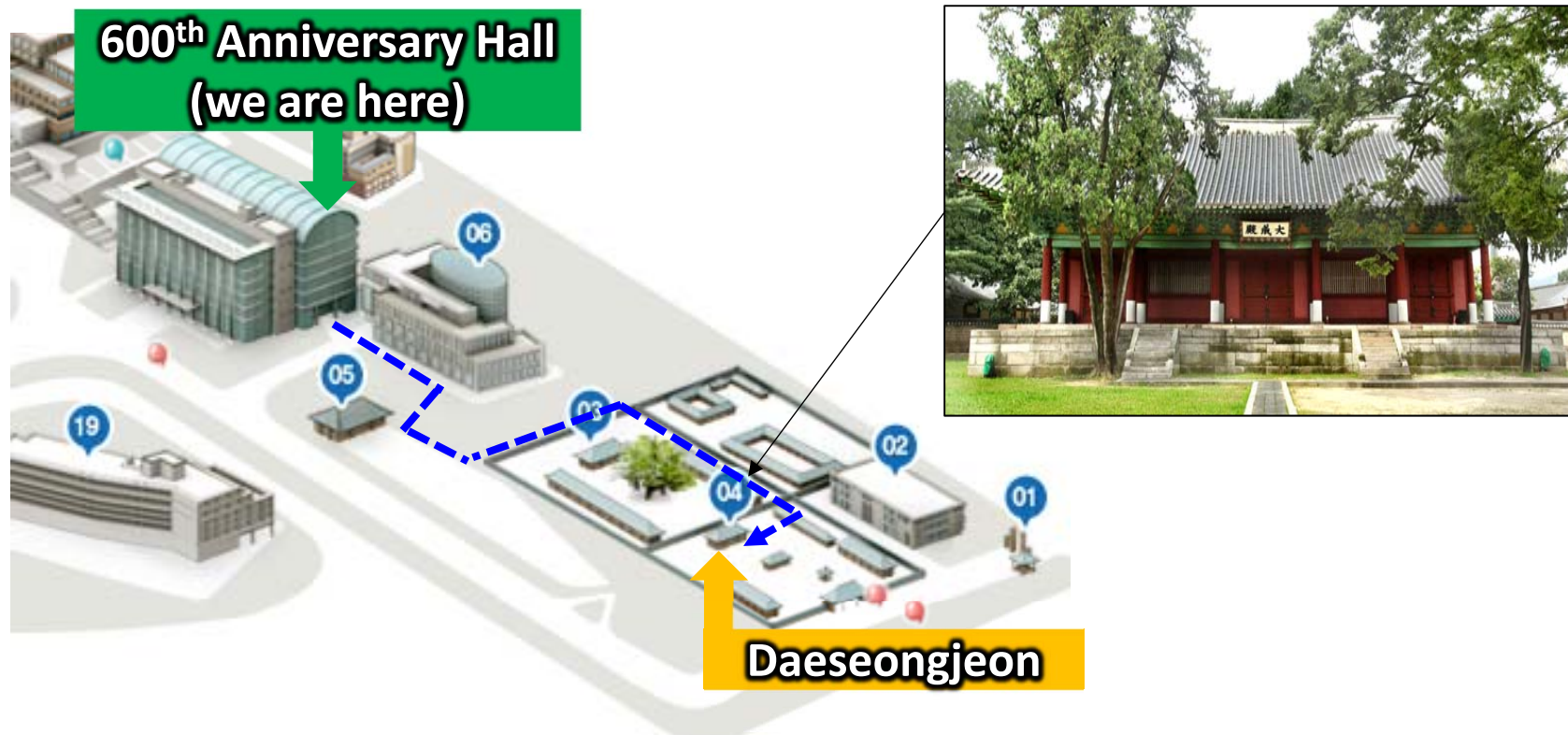


## 12. IPST 2017 Group Photo

24/28

- ❑ Right after the **opening ceremony** – Please Follow the IPST 2017 staffs
- ❑ In case of rain,

Group Photo will be delayed to 11:30am(Wed. 28<sup>th</sup>) - before lunch.



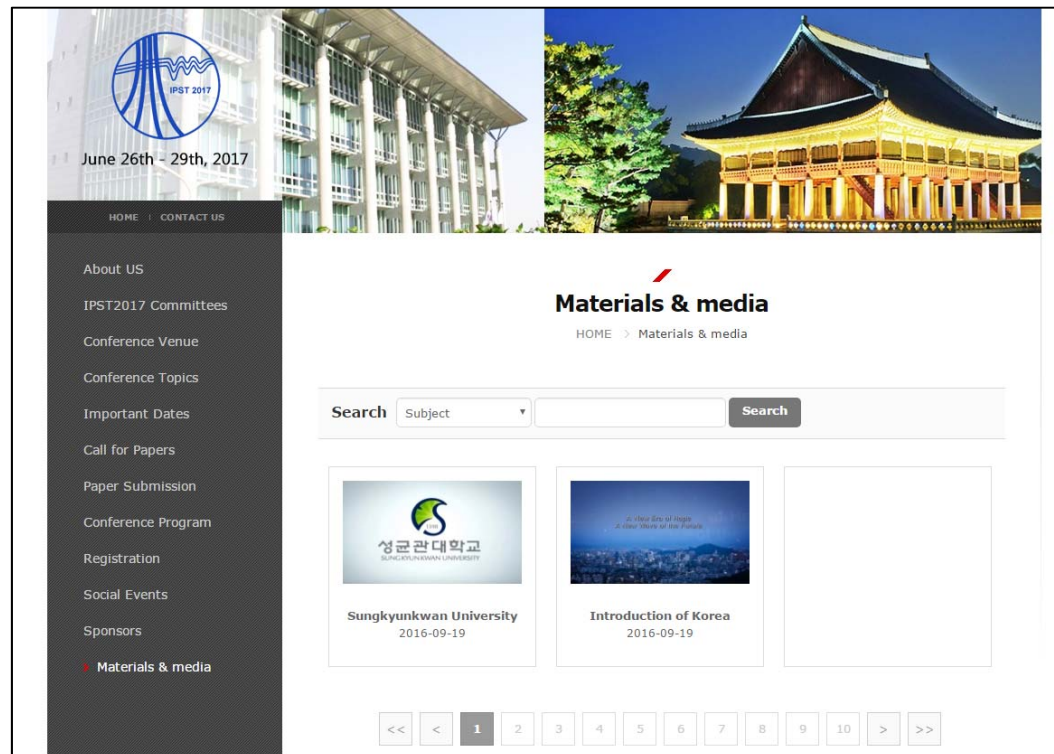




## 12. IPST 2017 Group Photo

25/28

- ❑ All **pictures of the conference** will be uploaded on **IPST 2017 website every day**.
- ❑ It is available to **download** the pictures in **'Materials & media'** tab.  
- Please visit IPST 2017 website.





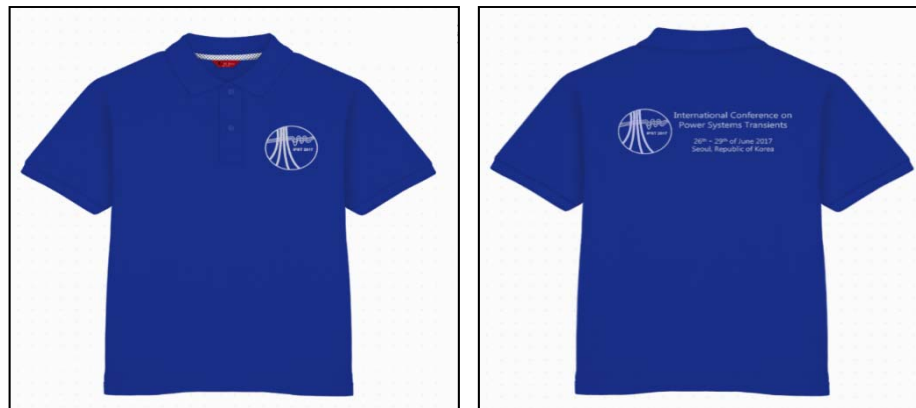
## 13. Contact Information

26/28

### □ Registration desk

- Ms. Dabin Yang
- Ms. Sejin Chung
- Mr. Yunsik Oh
- Mr. Saad Ullah Khan
- Mr. Khawaja Khalid Mehmood
- Ms. Minsung Kim
- Ms. Jungah Lee
- Mr. Kyujin Lee
- Ms. Shazia Baloch
- Mr. Muhammad Mehdi

□ Please contact staffs of IPST 2017 wearing **the blue clothes** if anyone needs some help.



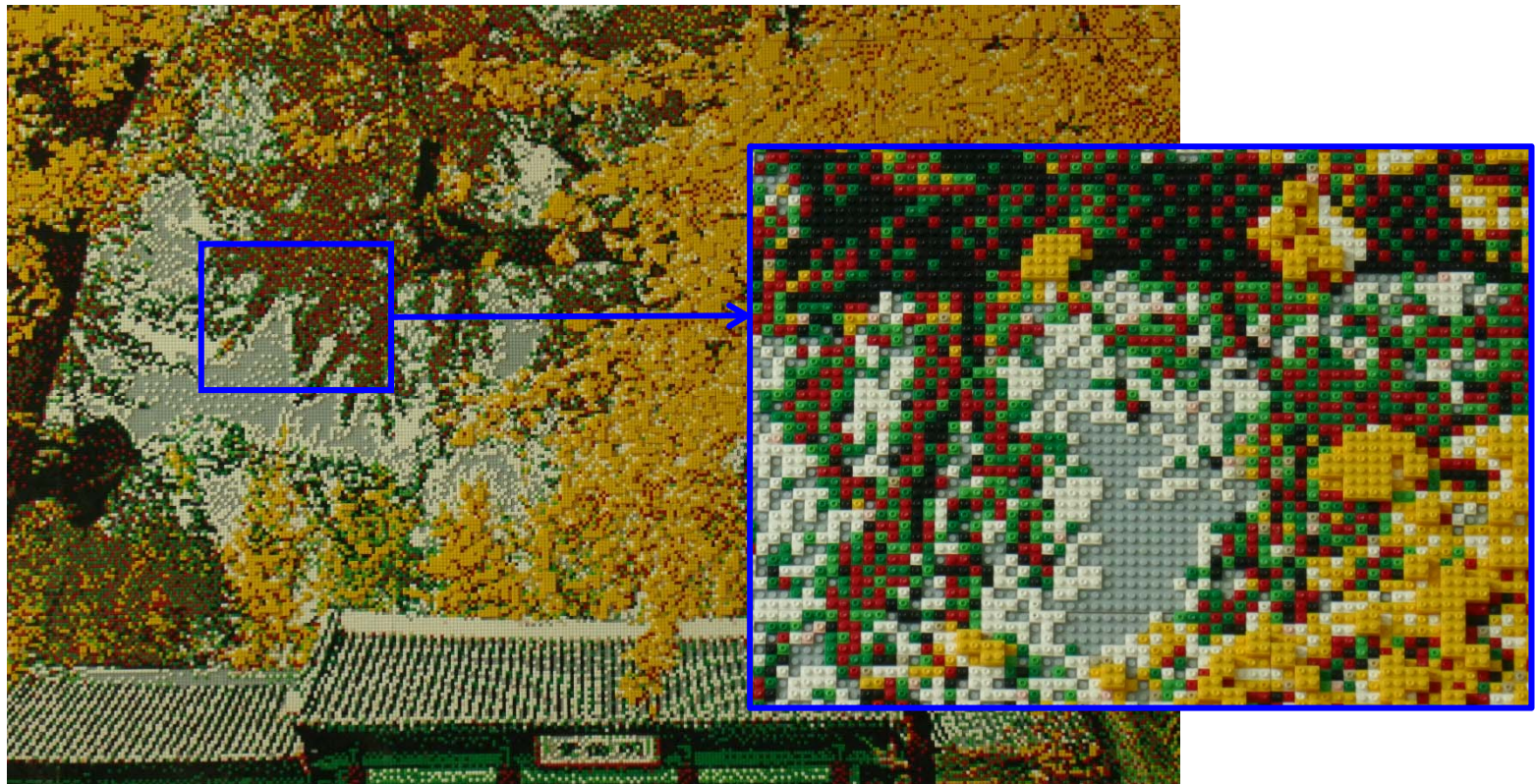


## 14. Mural of Ginkgo Tree

27/28

### ❑ Did you see this picture?

- You can see it at lobby in 600th Anniversary Hall.
- It was made using **400,000 Lego bricks** and took **6 months**.





# Acknowledgments

28/28

- ❑ A lot of thanks to our main sponsor ***RTDS Technologies***, to our gold sponsors: ***Manitoba HVDC Research Centre*** and ***OPAL-RT Technologies*** and to our silver level sponsor ***EMTP-RV***.
  
- ❑ Thanks to our technical sponsors: ***KEPCO, KERI, KEPRI, and KPX***
  
- ❑ Thanks to ***LOC of IPST 2015 in Croatia***.
  
- ❑ Numerous thanks to all ***Technical/Steering Committee Members*** and all ***Reviewers***.
  
- ❑ Finally, thanks to all ***authors/participants*** who made this conference possible.



***Thank you for your attention!***

***Enjoy IPST 2017***

