

# 2023 Japan-Korea Symposium on Power Systems Technology

“Sustainable Development in Power and Energy Systems Toward Carbon Neutral 2050”

**14-15 September, 2023**

**Korea University**

**Auditorium (B1) in the Hana Square, 145 Anam-ro, Seongbuk-gu Seoul, Korea**

Sep 14 (Thu)		Program
09:30~10:00	30	<b>Registration</b>
10:00~10:30	30	<b>Opening Remarks</b> Japan 1: Dr. Toshio INOUE, Chair of Consortium for Electric Power Technology <b>Welcoming Address</b> (TBD)
10:30~11:30 Presentation (20 min) Q&A (10 min)	60	<b>Session 1: Government of Policy and Roadmap</b>
		Japan 1 “Ten years since the start of Power System Reform : Looking for a new way of Coordination” Prof. Hideo Ishii, Waseda University Korea 1 “Challenges and solutions in Korea's power system and electricity market” Prof. Jong Bae Park, Konkuk University
11:30~13:00	90	Lunch
13:00~14:00 Presentation (20 min) Q&A (10 min)	60	<b>Session 2: Practical power system operation against to recent penetration of renewable energy sources</b>
		Japan 2 “Challenges against RES mass introduction for the voltage control and steady state stability issues” Ms. Toshiko Suzuki, Central Load Dispatching Office TEPCO Power Grid Mr. Keisuke Fujiwara, Tochigi Regional Load Dispatching Office TEPCO Power Grid Inc. Korea 2 “The prospect of east coast area generation constraint and operational relief plan” Mr. Won Joo, Senior Manager, KPX
14:00~15:00 Presentation (20 min) Q&A (10 min)	60	<b>Session 3: Grid Planning and Advanced Power Infrastructure</b>
		Japan 3 “Development of new integrated stability control system for PV introduction expanding grid utilizing artificial intelligence(AI)” Mr. Koya Takafuji, Power System Operations Department, Chubu Electric Power Grid Co. Inc. Korea 3

		“HVDC transmission network construction for renewable energy” Mr. youngsoo Han, Senior Manager, Power System Planning Department, KEPCO
15:00~15:20	20	Coffee Break
14:20~16:20 Presentation (20 min) Q&A (10 min)	60	<b>Session 4: Development of New Technology</b>  Japan 4 “Performance evaluation of grid-following and grid-forming inverters with virtual inertia controls” Dr. Hiroshi Kikusato, National Institute of Advanced Industrial Science and Technology (AIST)  Korea 4 “Grid-forming inverter control for advanced microgrids” Dr. Yoo Hyeong Jun, KERI
16:20~16:30	10	Closing Remark Japan: Prof. Yasuhiro Hayashi, Waseda Univ. ( by One-lineor pre-recorded)

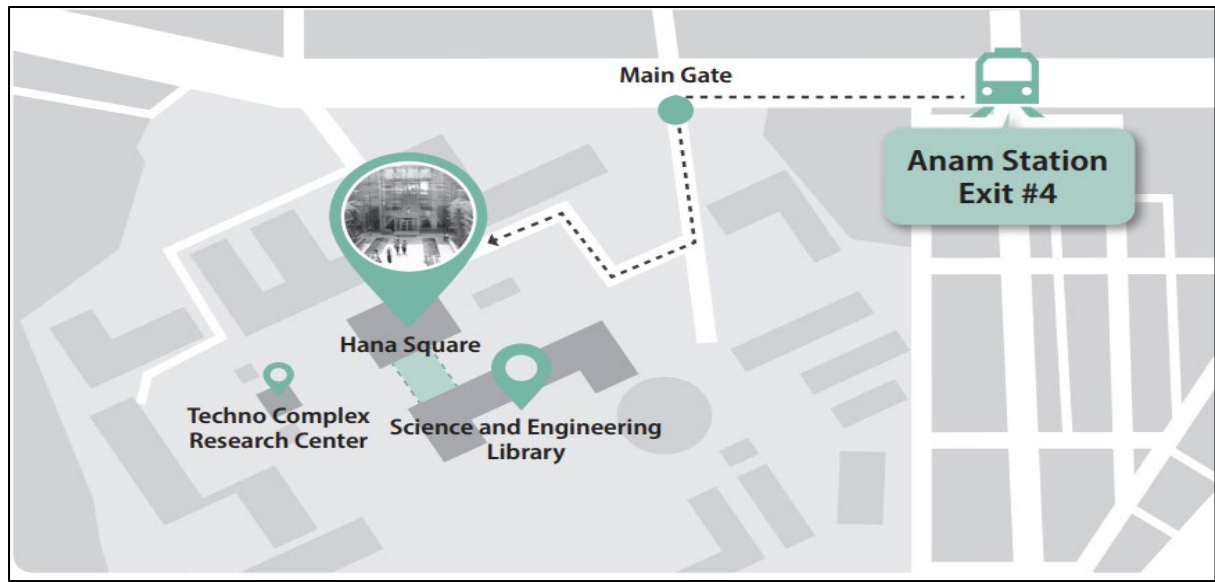
Sep 15 (Fri)		Technical Tour
8:30~10:30		Bus to Sihwa Lake Tidal Power Station will depart at 8:30 from the (TBD)
10:30~		Technical tour in Sihwa Lake Tidal Power Station Prof. (TBD)
12:00		Lunch
14:00 ~16:00		Move back to Korea University while getting off at major hotels along the way

### Language

Both the presentation materials and the oral presentations will be prepared and delivered in English.

### Venue

- Address : Auditorium (B1) in the Hana Square, 145 Anam-ro, Seoungbuk-gu Seoul, Korea



- Please visit below website for the online campus map of the Korea University  
[http://www.korea.ac.kr/mbshome/mbs/university/subview5.jsp?id=university\\_010501000000#1](http://www.korea.ac.kr/mbshome/mbs/university/subview5.jsp?id=university_010501000000#1)

#### Hotel Information Near the Venue in Seoul

- Koreana Hotel
  - Address : 135, Sejong-daero, Jung-gu, Seoul
  - Website : <http://koreanahotel.com/en/>
  
- Ramada Seoul Dongdaemun
  - Address : 354, Dongho-ro, Jung-gu, Seoul
  - Website : <http://ramadaddm.com/en/>

#### Way to Korea University (Anam Station)

- Koreana Hotel
  - Bus (20 minutes)  
 [Number 101] Seoul Shinmun → Wooshinhyang Hospital (16 minutes)  
 Walk to **Anam Station** (4 minutes)
  
  - Subway (15 minutes)  
 [Line 1] Jonggak → Dongmyo (8 minutes)  
 Transfer Line 1→Line 6 (2 minutes)  
 [Line 6] Dongmyo → **Anam Station** (5 minutes)
  
  - Taxi (22 minutes) & Fare: ₩9,800 (= ¥1,040)



- Ramada Seoul Dongdaemun

- Bus (15 minutes)

[Number 104] Youth Training Center → Jungang Public Garage (8 minutes)

Transfer Number 104 → Number 273

[Number 273] Jungang Public Garage → **Anam Station** (7 minutes)

- Subway (13 minutes)

[Line 2] Dongdaemun History & Culture Park → Sindang (2 minutes)

Transfer Line 2 → Line 6 (5 minutes)

[Line 6] Sindang → **Anam Station** (6 minutes)

- Taxi (15 minutes) & Fare ₩7,300(= ¥ 780)

