

Final program

Power Grid Development in the New Situation of World Energy Transition

The 16th IERE General Meeting & China Forum



Beijing, China

May 10 (Tuesday) – May 13 (Friday), 2016

Beijing, China

Organized by
CEPRI and IERE

Message from IERE Chair

The global membership of the IERE is comprised of leading international electricity utilities and manufactures. Decisions are currently being made that will impact on climate change issues for the next fifty years. The members of the IERE consider climate change as a major strategic business challenge.

New technology strategies, roadmaps and enhanced research and development will have to be utilized in order for the clean use of coal, low carbon transport systems, renewable energy and energy efficient systems to be effective. Technology is the lifeblood of our members and, as such, I believe the role of the IERE in supporting technology growth, transfer and implementation is key in supporting our members in this global challenge.

The 16th IERE General Meeting and China Forum: “Power Grid Development in the New Situation of World Energy Transition” will address the technical issues as interconnection of large power grids, renewable energy integrations and forecasting.

The 16th IERE General Meeting & China Forum is an excellent opportunity for us to share our experiences, dimension the challenges and discuss the possible solutions for this global challenge.

On behalf of IERE, I extend you a cordial invitation to participate in these events. Your personal participation is important, as both the face to face communication, as well as the collective discussions, undoubtedly will provide a fertile ground for new ideas, valuable for everyone in the search for solutions to our local problems.

I want to express my sincere gratitude to CEPRI, for their efforts to co-organize and support the 16th IERE General Meeting and China Forum: a great meeting place for an international exchange, from a unique blend of the future energy system.



Gregory Tosen

IERE Chair
Eskom, South Africa

Message from CEPRI

In face of the conflict between developmental needs and constraints of environment and resources, clean and sustainable energy supply becomes an inevitable development goal, which can be achieved by taking the following countermeasures. First, to optimize the energy structure, the share of renewable energy, in particular, the proportion of new energy in energy mix shall be further raised. Second, an integrated energy consumption pattern dominated by clean and efficient electric energy shall be developed. Third, the strategy of energy saving and emission reduction shall be further promoted. More new technologies shall be deployed to meet the growing energy demands and more stringent environmental requirements.

To this end, we are confronted with a great many challenges which press us ahead with efforts to search for innovative and cost-effective solutions so as to bolster the development of future power grids. Future power grids are expected to integrate high penetration of renewable energy, achieve the synergy of multiple energy sources and boost intelligent and friendly power distribution and consumption. In this context, more technology development efforts are called for advancing power grid development. Renewable energy generation and its grid integration technologies are required to accommodate increasing levels of renewable generation to the grids. Advanced and diverse power transmission technologies are in need to achieve flexible and efficient power transfer in different scenarios and transmission distances. Scientific and reliable planning and operation technologies of power grids enable the secure, stable, economical and efficient grid operation. Resilient and friendly power distribution and consumption technologies support distributed generation and meet the power demands of various customers. Additionally, many advanced supporting technologies such as ICT and big data allow for the synergy of multiple energy uses from the perspective of energy system.

CEPRI is delighted to host the 16th IERE General Meeting & Beijing Forum on “Power Grid Development in the New Situation of World Energy Transition”. It provides a valuable platform to gather representatives of science, industry and society from all over the world to have in-depth discussion and knowledge sharing on the latest development, best practices and future trend of power grids. It is also an excellent opportunity for us to explore together on the new theories, new technologies, new materials and new approaches to address key issues facing power grids in the new situation of world energy transition. This conference highlights such important technical issues as interconnection of large power grids, renewable energy integrations and forecasting, smart distribution grid, smart utilization of power and energy, and new materials, new technologies and others.

CEPRI has long been committed to the R&D of energy and power technologies oriented for future developments. As the host of this conference, I am pleased to extend to you a cordial welcome and looking forward to fruitful discussions and working with you to push forward the future energy and power development.



Prof. Jianbo Guo

IERE Vice Chair
President of CEPRI, China

Power Grid Development in the New Situation of World Energy Transition

About the theme

Nowadays, excessive use of conventional fossil fuels has caused such issues as energy supply shortages, environmental pollution and global warming, which make the survival of the whole mankind face severe challenges. Energy sustainability is a major task that the whole world is facing. There is an urgent need to figure out the trend for energy development as well as the solutions that directs us to a sustainable energy future.

Different countries in the world have been committed to pushing low-carbon economy development. Renewable energy is increasingly penetrated into power grids. The intermittency and fluctuation of Renewable Energy Sources will inevitably cause problems to the security and stability of power grid operation. The interconnection of large grids has become one of the trends in the development of grids in some countries. Another trend is that distributed or dispersed power generation has growing fast in some countries. Many new electric products or emerging technologies such as electric vehicles, energy storage, microgrid, demand response will play a more significant role in future energy system. Therefore, we are facing an urgent need to adapt our power grids to these new developments so as to secure safe, reliable, quality and efficient power supply.

The 16th IERE General Meeting & China Forum on “Power Grid Development in the New Situation of World Energy Transition” will address such important technical issues as interconnection of large power grids, renewable energy integrations and forecasting, smart distribution grid, smart utilization of power and energy, and new materials, new technologies and others. The changes enabled by these developments have a global significance and will impact power generation, transmission & distribution as well as utilization. IERE and CEPRI hope to enhance the exchanges on these topics in the 2016 General Meeting & China Forum and seek more innovative and cost-effective solutions.

About this event

IERE General Meeting is a platform for interactions among IERE members, recommended non-member experts and invited guests to discuss global energy issues focusing primarily on electricity. It provides the audience with opportunities not only to express their views on the on-going IERE programs but also to discuss strategic approach to the controversial energy issues of the moment.

Who should attend?

This meeting should be attended by IERE members’ representatives, as well as those interested in power industries as a whole, specifically in the related future R&D technologies and policies on generation, transmission, distribution, storage, environmental and regulatory issues, etc. Non-members also may attend to learn and talk more about this highly potential but controversial energy issues. Experts on technical sessions, IERE members and non-members alike engaged in the session topics, should attend the event.

Session Themes

Keynote Speech

Prof. Zhou Xiaoxin

(Honorary President of CEPRI, Academician of Chinese Academy of Sciences, China)

Dr. Frank-Detlef Drake

(Senior Vice President Corporate Research & Development, RWE AG, Germany)

Moderated Panel Discussion

Theme: Renewable Energy and Its Integration Technology

(Such as integration technology of large-scale centralized and distributed RES, forecasting technology of renewable power generation, the solutions to deal with the intermittency and fluctuation of RES)

Session1

Theme: Interconnection of Large Power Grids

(Such as VSC-based HVDC transmission grid technology, operation and control technology of interconnected power grids with high penetration of renewables)

Session 2

Theme: Smart Distribution Grid and Microgrid Technology

(Such as distributed generation, energy internet, energy storage, DC distribution grid technology)

Session 3

Theme: Smart Utilization of Power & Energy

(Such as energy conservation and energy efficiency, AMI, demand side management & demand response, synergy of multiple energy sources, the impact of large amount of EVs on power grid)

Session 4

Theme: New Materials, New Technologies and Others

(Such as new materials for battery energy storage devices, advanced power electronics technology such as modular multi-level converter (MMC), power market and its regulatory policies such as congestion management and the access of large capacity renewable generation to power market)

Poster Session

Poster of each session [1-4] will be presented in the same hall

Outline Schedule:

Tuesday – 10 May 2016

18:30-20:30 Welcome Reception / Cocktail (Ballroom B, 3/F)

Wednesday – 11 May 2016

09:00-18:00 The 16th IERE General meeting & China Forum [Day1, Ballroom A]

18:00-20:00 Dinner hosted by CEPRI (Ballroom B, 3/F)

Thursday – 12 May 2016

08:30-17:10 The 16th IERE General meeting & China Forum [Day2, Ballroom A]

17:30-21:20 Social event and dinner (Laoshe Tea House)

Friday – 13 May 2016 [Technical Visit (optional)]

08:45-13:00 Technical Visit to the UHV DC Test Base (including the Lunch)

Conference Venue

Welcome Reception:

Double Tree by Hilton Hotel Beijing, 3rd Floor, 'Ballroom B', Beijing, China

General Meeting & China Forum:

Double Tree by Hilton Hotel Beijing, 3rd Floor, 'Ballroom A', Beijing, China

Social Event [Optional]:

Lao She Tea House Restaurant and Performance

*Shuttle bus will be provided from / back to the Double Tree by Hilton Hotel

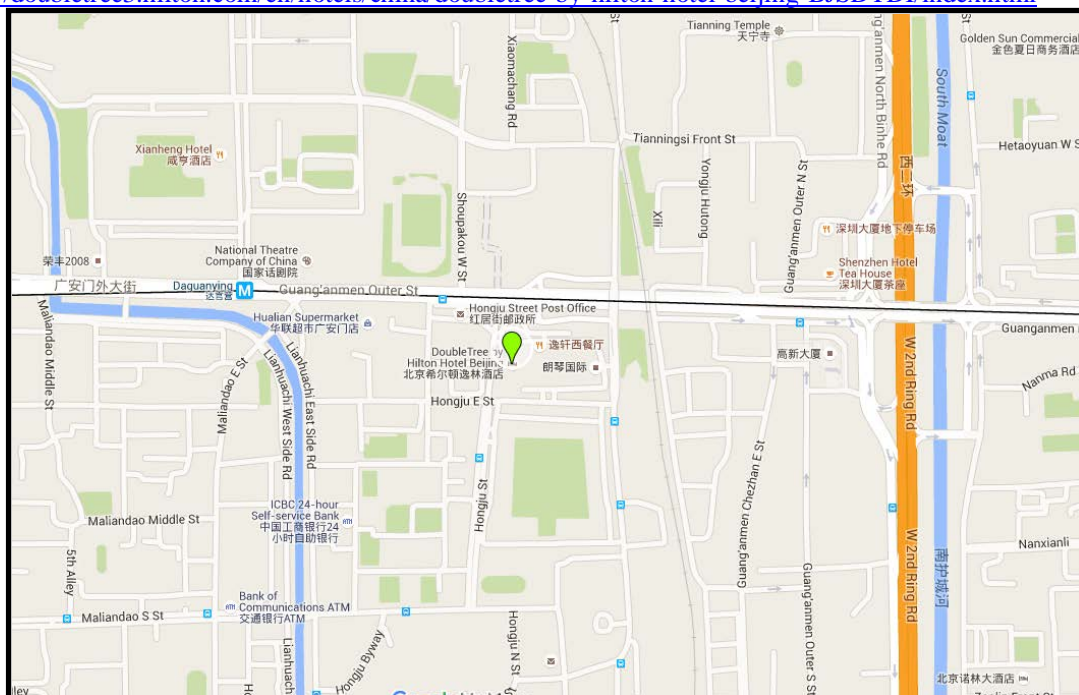
Technical Tour [Optional]:

The UHV DC Test Base, Changping District, Beijing, China

Double Tree by Hilton Hotel Beijing

168 Guang An Men Wai Ave Xi Cheng, Beijing, 100055, China

<http://doubletree3.hilton.com/en/hotels/china/doubletree-by-hilton-hotel-beijing-BJSDDI/index.html>



Map URL: <https://goo.gl/maps/b1m34ju3X2z>

Program:

IERE Welcome Reception

Tuesday, 10 May 2016

Double Tree by Hilton Hotel Beijing, 3rd Floor, 'Ballroom B', Beijing, China

- 18:00 – Registration
- 18:30 – 20:30 IERE Welcome Reception

The 16th IERE General Meeting and China Forum - Day 1

Wednesday, 11 May 2016

Double Tree by Hilton Hotel Beijing, 3rd Floor, 'Ballroom A', Beijing, China

- 08:30 – 09:00 Registration

Overall conference Chair: Dr. Luan Wenpeng
(Chief Expert of CEPRI, China)

Opening Session

- 09:00 – 09:10 O-1 Opening Address
Mr. Gregory Tosen
(IERE Chair, Eskom, South Africa)
- 09:10 – 09:20 O-2 Welcome Address
Prof. Guo Jianbo
(IERE Vice Chair, President of CEPRI, Academician of Chinese Academy of Engineering, China)

Keynote Addresses

- 09:20 – 09:50 K-1 'Trend and Technology Challenges of Power System Development'
Prof. Zhou Xiaoxin
(Honorary President of CEPRI, Academician of Chinese Academy of Sciences, China)
- 09:50 – 10:20 K-2 'Energy Transition in Germany and in the European Union'
Dr. Frank-Detlef Drake
(Senior Vice President Corporate Research & Development, RWE AG, Germany)
- 10:20 – 10:40 Coffee Break

Moderated Panel Discussion : “Renewable Energy and its Integration Technology”

Chairperson: Dr. Ma Zhao (Chief Expert of CEPRI, China)

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|---------------|-----|---|
| 10:40 – 10:50 | P-1 | <i>Dr. Innocent Kamwa
(Head of Power Systems and Mathematics, Hydro-Québec, Canada)</i> |
| 10:50 – 11:00 | P-2 | <i>Dr. Frank-Detlef Drake,
(Senior Vice President Corporate Research & Development, RWE AG, Germany)</i> |
| 11:00 – 11:10 | P-3 | <i>Dr. Chi Yongning
(Chief Engineer of Renewable Energy Department, CEPRI, China)</i> |
| 11:10 – 11:20 | P-4 | <i>Prof. Hideo Ishii
(Secretary General, Advanced Collaborative Research Organization for Smart Society (ACROSS), Waseda University, Japan)</i> |
| 11:20 – 11:30 | P-5 | <i>Mr. Mark McGranaghan
(Vice President, Distribution and Utilization, EPRI, USA)</i> |
| 11:30 – 12:10 | | Panel Discussion |

Moderator:

Dr. Ma Zhao (Chief Expert of CEPRI, China)

Panelists:

Dr. Innocent Kamwa (Hydro-Québec, Canada)
Dr. Frank-Detlef Drake (RWE AG, Germany)
Dr. Chi Yongning (CEPRI, China)
Prof. Hideo Ishii (Waseda University, Japan)
Mr. Mark McGranaghan (EPRI, USA)

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|---------------|--|---|
| 12:10 – 13:30 | | <u>Lunch Break</u> (Easy Kitchen Restaurant, 1/F)
--- Open poster presentation --- |
|---------------|--|---|

Session 1 : Interconnection of Large Power Grids

Chairperson: Dr. Xue Feng (Vice General Manager of Grid Stability and Control Department in Nari Group, China)

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|---------------|------|---|
| 13:30 – 13:55 | S1-1 | <i>‘Research on Global Energy Interconnection’
Mr. Chen Gesong
(Deputy Director General of Global Energy Interconnection Department, SGCC, China)</i> |
| | S1-2 | <i>(Missing Number)</i> |

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- | | | |
|------------------------------------|-------|---|
| 13:55 – 14:20 | S1-3 | <p>‘Best Paths Project: the Largest Project Ever Supported by the European Commission RDD Framework Programs within the Field of Power Grids’
 <i>Mr. Vicente J. González-López</i>
 <i>(Head of Department, R&D and EU Projects Department, REE, Spain)</i></p> |
| 14:20 – 14:45 | S1-4 | <p>‘Wide-Area Closed-Loop Control of Frequency and Voltage in Next Generation EMS’
 <i>Dr. Innocent Kamwa</i>
 <i>(Head of Power Systems and Mathematics, Hydro-Québec, Canada)</i></p> |
| 14:45 – 15:10 | S1-5 | <p>‘Techno-economic and Environmental Assessment of Power Capacity Expansion in Iran’
 <i>Dr. Davood Manzoor</i>
 <i>(Associate Professor, Department of Economics, Imam Sadiq University, Iran)</i></p> |
| 15:10 – 15:35 | S1-6 | <p>‘Research and Application for Advanced VSC-HVDC Technology in China’
 <i>Dr. Tang Guangfu</i>
 <i>(Vice President, Global Energy Interconnection Research Institute, China)</i></p> |
| 15:35 – 16:05 | | <p><u>Coffee Break</u> --- Open poster presentation ---</p> |
| 16:05 – 16:30 | S1-7 | <p>‘Ensuring Secure Power Grid Operation with High Renewable Penetrations’
 <i>Dr. Xi Lin</i>
 <i>(Manager, Software Technologies, Powertech Labs Inc., Canada)</i></p> |
| 16:30 – 16:55 | S1-8 | <p>‘Understanding Power System Conditions based on Cross-regional Power System Operations and Renewable Power Sources Increasingly Connected to Power Systems’
 <i>Mr. Masamoto Tatematsu,</i>
 <i>(Senior Research Associate, Research Department, JEPIC, Japan)</i></p> |
| 16:55 – 17:20 | S1-9 | <p>‘Investigation of Interaction during the Parallel Operation of Line-Commutated Converters and Self-Commutated Converters’
 <i>Mr. Masahiko Urayama,</i>
 <i>(Senior Researcher of Power System Group, Electric Power Research and Development Center, R&D Division, Chubu EPCO, Japan)</i></p> |
| <p><Poster presentation></p> | | |
| | S1-P1 | <p>‘Analysis and Comparison of Security and Stability of Strong-DC-strong-AC Power Grid and Strong-DC-weak-AC Power Grid’
 <i>Dr. LI Zaihua,</i>
 <i>(Senior Engineer, Power System Department, CEPRI, China)</i></p> |

IERE Business Session

17:20 – 17:35	BS-1	Chair's Report 2015 <i>Mr. Gregory Tosen (Chair of IERE, South Africa)</i>
17:35 – 17:50	BS-2	Report from the Secretariat <i>Mr. Tetsuo Matsumura (Secretary General, IERE Central Office)</i>
18:00 – 20:00		<u>Dinner</u> [hosted by CEPRI, 3/F, 'Ballroom B']

The 16th IERE General Meeting and China Forum - Day 2

Thursday, 12 May 2016

Double Tree by Hilton Hotel Beijing, 3rd Floor, 'Ballroom A', Beijing, China

Session 2 : Smart Distribution Grid and Microgrid Technology

Chairperson: Dr. Luan Wenpeng (Chief Expert of CEPRI, China)

08:30 – 08:55	S2-1	'Practices and Development of Energy Internet in China' <i>Mr. Liu Jianming</i> (Senior Advisor, Department of Science and Technology, SGCC, China)
08:55 – 09:20	S2-2	'Microgrids Technology Implementations in China' <i>Dr. Luan Wenpeng</i> (Chief Expert of CEPRI, China)
09:20 – 09:45	S2-3	'Integrated Solutions for MicroGrid' <i>Prof. Tang Chenghong</i> (Professor Senior Engineer, R&D Center, NARI, China)
09:45 – 10:10	S2-4	'Advanced Distribution System Techniques to Cope with Massive Penetration of Photovoltaic Power Generation' <i>Dr. Hiromu Kobayashi,</i> (Associate Vice President, System Engineering Research Laboratory, CRIEPI, Japan)
10:10 – 10:30		<u>Coffee Break</u> --- Open poster presentation ---
10:30 – 10:55	S2-5	'Demonstration Results of High Penetration Remote MicroGrid on a Korean Island' <i>Mr. Wookyu Chae</i> (Senior Researcher, KEPCO RI, Korea)

10:55 – 11:20 S2-6 ‘Research of Battery Diagnosis and Management Technology for Battery Energy Storage System’
Dr. Hou Chaoyong
(Electrical Engineering, CEPRI, China)

11:20 – 11:25 S2-P1 ‘Volt/VAR Optimization on U.S. distribution lines’
Mr. Ryo Kamada,
(Research Associate, Research Department, JEPIC, Japan)

11:25 – 11:30 S2-P2 ‘Research Progress of KEPCO Research Institute for DC Distribution Vitalization in Korea’
Mr. Jae-han Kim,
(Researcher, Smart Power Distribution Lab., KEPCO RI, Korea)

S2-P3 (Missing Number)

<Poster Presentation>

S2-P4 ‘Applications of High Precision Power Analyzer, ScopeCorder and Battery Management System in Grid Connection’
Mr. ZHANG Guoyue
(Application Engineer, Application Development Division, Yokogawa Shanghai Trading Co., Ltd, China)

S2-P5 (Missing Number)

S2-P6 ‘Unsupervised Nonintrusive Appliance Load Monitoring and Disaggregation Methods Based on Hidden Markov Model and its Variation’
Mr. Wang Chunyu
(Assistant engineer, Section of Site Supervision and Study of Electric Energy Metrology, CEPRI, China)

S2-P7 ‘Real-time Distributed Economic Dispatch for Distributed Generation Based on Multi-Agent System’
Mr. Luo Kui
(Engineer, Department of Renewable Energy, CEPRI, China)

S2-P8 ‘Economic Operation Study of Power System with Wind Power Generation and Storage’
Prof. Zhu Jizhong
(Chief Expert, National Distinguished Expert, SEPRI, China Southern Power Grid, China)

11:30 – 12:40 Lunch Break (Easy Kitchen Restaurant, 1/F)

--- Open poster presentation ---

Session 3 : Smart Utilization of Power & Energy

Chairperson: Dr. Frank-Detlef Drake (Senior Vice President Corporate Research & Development, RWE AG, Germany)

- 12:40 – 13:05 S3-1 ‘Energy Storage Options and Requirements to Meet System Flexibility Needs’
Mr. Mark McGranaghan,
(Vice President, Distribution and Utilization, EPRI, USA)
- 13:05 – 13:30 S3-2 Construction and Application of AMI System
Dr. Zhu Enguo
(Researcher, Department of Metrology, CEPRI, China)
- 13:30 – 13:55 S3-3 ‘Empirical Research on Central Air Conditioners of Buildings for Peaking Shaving with Flexible Strategies’
Ms. Chen Lu
(Researcher, Power Utilization Management Technology Branch Company, NARI, China)

<Poster Presentation>

- S3-P1 ‘Refining on the Typical Operating Point Character Curve of Battery Energy Storage for Tracking the Winf Power Output Curve’
Ms. Yang Shuili
(Electrical Engineering, CEPRI, China)
- S3-P2 ‘The Research of Smart Electricity Meters Regional Environment Adaptability Based on Fuzzy Clustering’
Mr. Xue Yang
(Researcher, CEPRI, China)
- S3-P3 ‘Research on Field Failure Accelerated and Failure Mechanism for Smart Electricity Meters’
Mr. Xue Yang
(Researcher, CEPRI, China)

13:55 – 14:10 Coffee Break --- Open poster presentation ---

Session 4 : New Materials, New Technologies and Others

Chairperson: Mr. Mark McGranaghan (Vice President, Distribution and Utilization, EPRI, USA)

- 14:10 – 14:35 S4-1 ‘New Materials & Technologies for Smart Utilization of Power and Energy’
Dr. Gaétan Lantagne.
(Senior Researcher, Hydro-Québec, Canada)
- 14:35 – 15:00 S4-2 ‘An MgB₂ Superconducting Cable for Very High DC Power Transmission’
Mr. Frederic Lesur
(Expert Engineer in Cable Power Systems, RTE, France)

- 15:00 – 15:25 S4-3 ‘Prospects of ACCC Conductor Application in the Global Energy Interconnection’
Mr. Zhang Peng
(Vice Chief Engineer, Research and Development, Jiangsu NARI CTC Composite Material CO., LTD, China)
- 15:25 – 15:50 S4-4 ‘Valve Margin Calculation of VSC HVDC based on MMC’
Dr. Chan-Ki Kim, ,
(Director of HVDC division, KEPCO RI, Korea)
- 15:50 – 15:55 S4-P1 ‘An Update on the Status of Large-scale Electric Power Storage Systems for Supply and Demand Control in Japan’
Dr. Hiroyuki Yoshida,
(Research Scientist, Materials Science Research Laboratory, CRIEPI, Japan)
- 15:55 – 16:00 S4-P2 ‘Modern Lightning Protection Technologies in Power Grids of China’
Prof. Zhang Chaohai
(Chief Expert, NARI, China)
- <Poster Presentation>
- S4-P3 ‘Optimal Capacity Configuration of Energy Storage System for Co-operation of Generation/Energy Storage/Load in Business Park’
Ms. Yang Shuili
(Electrical Engineering, CEPRI, China)
- S4-P4 ‘Lithium Storage Battery Dynamic Consistency Characteristic Parameter Analysis and Extraction of Strategy Research’
Mr. ZHOU Chuanjie
(Electrical Engineering, CEPRI, China)
- S4-P5 ‘A Study of Parallel LiFePO₄ Batteries Cycle Aging by Using Derivation Curve’
Dr. HOU Chaoyong
(Electrical Engineering, CEPRI, China)
- 16:00 – 16:20 Coffee Break --- Open poster presentation ---

Moderated Panel Discussion by Session Chairs

- 16:20 – 17:00 Moderated Panel Discussion on the Various Approached as Shown in the Sessions

Moderator:

Prof. Hideo Ishii (Secretary General, Advanced Collaborative Research Organization for Smart Society (ACROSS), Waseda University, Japan)

Panelist:

- Dr. Xue Feng* (Chair of Session 1)
Dr. Luan Wenpeng (Chair of Session 2)
Dr. Frank-Detlef Drake (Chair of Session 3)
Mr. Mark McGranaghan (Chair of Session 4)

Closing Remarks

17:00 – 17:05	<i>Dr. Luan Wenpeng</i> (Chief Expert, Power Distribution Department, CEPRI, China)
17:05 – 17:10	<i>Mr. Tetsuo Matsumura</i> (Secretary General, IERE Central Office)

Social Tour and Dinner (optional)

17:30 – 21:20	<u>Social Tour and Dinner</u> (Lao She Tea House Restaurant)
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Technical Visit (Optional) - Day 3

Friday, 13 May 2016

The UHV DC Test Base, Changping District, Beijing, China

(For participants who have booked the optional Technical Tour)

08:45	Departure at Double Tree by Hilton Hotel Beijing
10:00 – 11:00	Site visit to the UHV DC Test Base, Changping District, Beijing, China
12:00	Arrival at Double Tree by Hilton Hotel Beijing
12:00 - 13:00	Lunch at hotel (Easy Kitchen Restaurant, 1/F)

Registration

(a) On-line Registration

URL: https://www.iere.jp/cgi-bin/event_form/event_form_entry.cgi

or

(b) Please submit a registration form (Format1, page 16) to IERE Central Office by e-mail.

Deadline: 11 April 2016

Registration Fee

Please make payment of following fee **No later than 11 April 2016** by credit card payment or bank transfer.

*The Registration fee will cover attendance at both conference days, welcome reception on 10th May, dinner on 11th May, lunches on 11th and 12th May, refreshments, coffee breaks, and conference package:

IERE members : \$ 350

Non-members : \$ 400

Academic participants : \$ 200

Recommended options¹

Social Event (optional) : \$ 70

Dinner with social activity (TBD) on 12th evening, May.

Technical Tour (optional) : \$ 70

The UHV DC Test Base, Changping District, Beijing, China on 13th, May.

¹ Both offers are on a first-come-first-served basis up to 40 persons.

Payment

On-line Credit Card Payment and Bank Transfer are available.

Deadline: 11 April 2016

(a) On-line Credit Card Payment

If you prefer using your credit card for the payment of registration fee, please contact to the following URL.

https://www.iere.jp/Payment/paypal_16gm_forum.html

(b) Bank Transfer *

Name of the Bank: The Bank of Tokyo-Mitsubishi UFJ, Ltd.

Name of the Branch: Seijo branch

Name of the account: IERE

Account Number: 0068198

Bank address: 15-1 Seijo 6-chome, Setagaya-ku, Tokyo, 157-0066 JAPAN

SWIFT code:

B	O	T	K		J	P		J	T
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* Remittance charge, Lifting charge, Correspondent charge and other charges should be paid by participants

VISA (Please do not forget!)

For participants from some countries needing a VISA to enter China, please consult with travel agent in your country for the details.

If you need an Invitation Letter¹, please refer to 'Invitation Letter for VISA' on Page 17.

*¹ CEPRI may be able to issue an invitation letter for participants who need to apply for Visa.

Disclaimer: CEPRI reserves the right to fulfill or decline, at CEPRI's discretion, requests for letters of invitation for visa application support purposes.

Submission Items & Deadlines

For Participants including speakers

Items	Format No.	Deadline	Submit To:
Registration Form (Page 16)	1	11 April 2016	Mr. Tetsuo Matsumura register(at)iere.jp [Please substitute (at) with @]
Registration Fee	—	11 April 2016	Please refer to p.14
Social event Fee [optional]	—	11 April 2016	Ditto
Technical visits Fee [Optional]	—	11 April 2016	Ditto

For Speakers

Items	Format No.	Deadline	Submit To:
Abstract	2	26 Feb 2016	Mr. Tetsuo Matsumura register(at)iere.jp [Please substitute (at) with @]
Speaker's Information	3	11 April 2016	
Copyright Permission	4	11 April 2016	
Presentation Slides (Power Point file)	—	26 April 2016	

The formats (No.1 to 4) can be **DOWNLOADED** from
[https://www.iere.jp/contents/Information/Preparation Events/16gm_forum.html](https://www.iere.jp/contents/Information/Preparation%20Events/16gm_forum.html)

Language

The official language is English.

Accommodations

Double Tree by Hilton Hotel Beijing, F168 Guang An Men Wai Ave Xi Cheng, Beijing, 100055, China
<http://doubletree3.hilton.com/en/hotels/china/doubletree-by-hilton-hotel-beijing-BJSDDTI/index.html>
 A block of rooms at special rates has been reserved for conference participants.

How to book **Double Tree by Hilton Hotel Beijing** at special rates

- Visit our website

[https://www.iere.jp/contents/Information/Preparation Events/16gm_forum.html](https://www.iere.jp/contents/Information/Preparation%20Events/16gm_forum.html)

- At the part of the site “Hotel Accommodations”, please download the ‘*Hotel Reservation Form(pdf file)*’ and follow the instructions to fill out the form;

- Complete the form, sign it and send it by fax or by e-mail to the indicated number/ mail-address of **Double Tree by Hilton Hotel Beijing**



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中国电力科学研究院
CHINA ELECTRIC POWER RESEARCH INSTITUTE

REGISTRATION FORM

Form 1

Power Grid Development in the New Situation of World Energy Transition

The 16th IERE General Meeting & China Forum

10- 13 May 2016, Beijing, China

Please type ☒ at appropriate boxes, then return this form by email **NO LATER THAN 11 April 2016** to:
IERE Central Office at Email: **register(at)iere.jp** [Please substitute (at) with @] / Fax: +81-3-3488-5100

1. Name	<input type="checkbox"/> Prof. <input type="checkbox"/> Dr. <input type="checkbox"/> Mr. <input type="checkbox"/> Ms. <input type="checkbox"/> Other, Please specify	
	First Name	Family Name
2. Position, Department		
3. Company/ Organization etc.		
4. Address	Zip Code Country	
5. Contact Information	Email	
	Phone Number	
	Fax Number	
6. I will contribute to a presentation	<input type="checkbox"/> Yes <input type="checkbox"/> No Title: _____	
7. Reception/Dinner attendance	Registration fee covers the welcome reception, the Lunch/dinner on 11 th May and Lunch on 12 th May. For restaurant reservations, please let us know your attendance. <input type="checkbox"/> Welcome Reception on 10th May. <input type="checkbox"/> Dinner on 11th May. <input type="checkbox"/> None	
8. Accompanying Person	If your family accompany you on reception/dinner, please write her or his name and title (Mr./Ms./) _____	
9. Registration Fee [10 th -12 th May.]	Registration Fee [Participants including speakers should pay registration fees] <input type="checkbox"/> \$350 : IERE Member <input type="checkbox"/> \$400 : Non- IERE Member <input type="checkbox"/> \$200 : Academic Participant <i>Note: Even when participation is canceled irrespective of the reason after 11th April 2016, Registration fee might be charged or might not be reimbursed.</i>	
10. Social Event (Optional)[12 th May.]	\$ 70 per person : Social event and dinner (optional, TBD) <input type="checkbox"/> Yes : Number of participants _____ (including accompanying persons) <input type="checkbox"/> No *Participants will be requested to submit the copy of passport in advance.	
11. Technical Tour (Optional)[13 th May.]	\$ 70 per person : Technical tour to The UHV DC Test Base <input type="checkbox"/> Yes : Number of participants _____ (including accompanying persons) <input type="checkbox"/> No	
12. Payment Amount	Total: \$ _____ (Registration Fee, Social Event Fee & Technical Tour Fee)	
13. Payment Method [no later than 11 April.]	<input type="checkbox"/> Credit Card : URL for On-line Credit Card Payment : https://www.iere.jp/Payment/paypal_16gm_forum.html <input type="checkbox"/> Bank Transfer *IERE Central office will send you the invoice by e-mail	
14. Invitation letter for VISA	<input type="checkbox"/> I need an invitation letter for Visa application. <input type="checkbox"/> No * Please refer to P.17 of the Announcement	
15. Information from IERE	Do you agree with receiving e-mail notice on future activities/IERE E-mail Magazine from IERE Central Office? <input type="checkbox"/> Yes <input type="checkbox"/> No	

Invitation Letter for VISA

Form 5

If participants need an invitation letter, please type ☒ and fill out the form and send to: IERE Central Office at Email: register(at)iery.jp [Please substitute (at) with @].

<input type="checkbox"/> I need an invitation letter for Visa application. *CEPRI may be able to issue an invitation letter for participants who need to apply for Visa. It may take some time to complete the procedures, so please submit the form as soon as possible. Disclaimer: CEPRI reserves the right to fulfill or decline, at CEPRI's discretion, requests for letters of invitation for visa application support purposes.			
Name on passport	First Name:	Middle Name:	Family Name:
Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female		
Nationality			
Date of birth			
Passport No.			
Occupation	[Marketing, Engineer, Student etc.,]		
Affiliation			
Expected date of entry			
Duration of stay			
Expected date of departure			
Colloquium Participation	<input type="checkbox"/> May 10, 2016 Welcome reception		
	<input type="checkbox"/> May 11, 2016 General meeting and China Forum		
	<input type="checkbox"/> May 12, 2016 General meeting and China Forum		
	<input type="checkbox"/> May 13, 2016 Technical visit		

About the publication of papers in the CSEE JPES

At this China Forum, all participants will be offered with a new option if they would like to have their research achievements published in an international published and IEEE Xplore indexed journal. The CSEE Journal of Power and Energy Systems (CSEE JPES) is an international quarterly journal published by the Chinese Society for Electrical Engineering (CSEE) in collaboration with CEPRI (China Electric Power Research Institute) and IEEE (The Institute of Electrical and Electronics Engineers), Inc. The articles published in this journal will focus on advanced concepts, technologies, methodologies and practices associated with all aspects concerning power and energy systems. This journal will be indexed by IEEE Xplore: <http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7054730>.

Participants shall prepare their full papers and submit to CSEE JPES by April 30th, 2016 if they are willing to contribute for publication. They can submit their papers via ScholarOne system of CSEE JPES by linking to: <http://www.csee.org.cn/JPES/>

A detailed submission guideline is available as “Guide to Authors” at:

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