

Plenary session guide

Plenary Session 1

Oct. 23rd, Saturday 8:50-9:50, Multi Function Hall

Chair(s):

Jianbo Guo

Senior Consultant of State Grid Corporation of China (SGCC)

Academician of Chinese Academy of Engineering (CAE)

Honorary President of China Electric Power Research Institute (CEPRI)

Speaker:

8:50-9:20

PI1-01

Prospect and Key Technologies of China's Energy and Power System Under the Goal of Carbon Peak and Carbon Neutrality

Xiaoxin Zhou

Academician of the Chinese Academy of Sciences (CAS)

International Member of US National Academy of Engineering (NAE)

Honorary President of China Electric Power Research Institute

Standing Council Member of China Electrical Engineering Society

9:20-9:50

PI1-02

Build Transparent Electric Network, Support Green Development of Energy and Power

Licheng Li

Academician of Chinese Academy of Engineering (CAE)

Honorary chairman of expert committee of China Southern Power Grid (CSG)

Honorary dean of School of Electric Power Engineering, South China University of Technology (SCUT)

Plenary Session 2

Oct. 23rd, Saturday 9:50-10:50, Multi Function Hall

Chair(s):

Weijiang Chen

Academician of Chinese Academy of Sciences (CAS)
Expert in High Voltage and Insulation Technology
Senior Consultant and Professor Level Engineer of State
Grid Corporation of China

Speakers:

9:50-10:20

PI2-01

Non Wire Alternatives

Shay Bahramirad

President-Elect of IEEE Power & Energy Society
Vice President of Climate and Resilience at Quanta
Technology
IEEE/PES Vice President of New Initiatives and Outreach
Founder of PES WiP (Women in Power)

10:20-10:50

PI2-02

*Generation-V Nuclear Energy System and the R&D
Progress of Chinese Hedianbao*

Yican Wu

Academician of Chinese Academy of Science (CAS)
Academician of International Nuclear Energy Academy
(INEA)
China's chief representative of GIF-LFR

Plenary Session 3

Oct. 23rd, Saturday 10:50-11:50, Multi Function Hall

Chair(s):

Tianshou Zhao

Academician of Chinese Academy of Sciences (CAS)
Chair Professor of SUSTech/HKUST
Fellow of the American Society Mechanical Engineers
(ASME)
Fellow of the Royal Society of Chemistry (RSC)

Speakers:

10:50-11:20

PI3-01

*PSDF Building+ Ordered Charging Network: to Facilitate the
Development of Zero-Carbon Power System*

Yi Jiang

Academician of the Chinese Academy of Engineering (CAE)

Director of the Center of Building Energy Conservation
Research at Tsinghua University
Co-director of Tsinghua-UPENN Centre

11:20-11:50 PI3-02
Harnessing China's Water Power to Support Its Wind and Solar Energy Development
Zuyu Chen
Academician of Chinese Academy of Sciences (CAS)
Executive member of Chinese Society of Rock Mechanics & Engineering
Honorary President of Chinese Institute of Soil Mechanics and Geotechnical Engineering – China Civil Engineering Society

Plenary Session 4

Oct. 23rd, Saturday 11:50-12:00, Multi Function Hall

Publisher:

Pre-release of "New Power System Technology Research Report"
Jianming Liu
Professor, PhD Supervisor
Director of China Smart Grid Technology and Equipment Expert Committee
FELLOW of China Society of Electrical Engineering(CSEE)
Secretary-General of CIGRE D2 China Committee, and
Leader of D2-5G Working Group