

# HVDC 2020

HVDC Technologies Evolving for Future Power Systems

Nov. 6 - 9, 2020

Xi'an, China

Call For Papers

August 15, 2020

Full paper submission

September 10, 2020

Notification of acceptance

September 25, 2020

Final paper submission



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High Voltage Direct Current (HVDC) technology is one of the core technologies enabling modern and future electrical grids. To facilitate presentations and communications of technological innovations in this area, the 4<sup>th</sup> International Conference on HVDC (HVDC 2020) will be held during November 6<sup>th</sup> - 9<sup>th</sup>, 2020 in Xi'an, China, which is co-located with the 2020 Annual Conference of CSEE Study Committee of DC Transmission and Power Electronics.

This international conference will be focused on the theme of HVDC Technologies Evolving for Future Power Systems, providing a venue for experts to present the results of their latest cutting-edge achievements on LCC-HVDC, VSC-HVDC, and power electronics devices applications, etc.

#### Sponsored by

Chinese Society for Electrical Engineering (CSEE)

CIGRE China National Committee (CNC)

CIGRE Korea National Committee (KNC)

#### Co-Sponsored by

CSEE Study Committee of DC Transmission and Power Electronics

CIGRE CNC Study Committee of HVDC and Power Electronics

State Key Laboratory of HVDC

State Key Laboratory of Electrical Insulation and Power Equipment

#### Organized by

Xi'an Jiaotong University

National Technical Standard Innovation Base of DC Transmission and Power Electronics (NSDC)

#### Hosted by

Xi'an Jiaotong University

#### Submission of Papers

Prospective participants are invited to submit full papers, each within 6 pages. The paper should include a title, subject, main discussing points, data and conclusions. Figures, charts, diagrams and pictures are welcome to be used in the paper to help clearly express your ideas and achievements. Please provide author name, organization, telephone number, address, and email address in the full paper. Please also indicate the preferred way to present the paper (by oral or poster). Detailed instructions on preparation of the full papers and the submission process will be available on the conference website.

Technical papers are solicited on any subject pertaining to the scope of the conference that includes, but is not limited to, the following major topics:

- LCC-HVDC and VSC-HVDC Transmission Technologies
- Power Electronics Devices and Applications
- Topologies and Control of Power Converters
- Numerical Calculation and Simulation Technologies for HVDC
- FACTS and Power Quality

- Energy Storage and Conservation Technologies
- Renewable Energy and Grid-Tied Operation
- Motor Drive Technologies
- AC/DC Distribution and Microgrids
- Electric Melting Technologies and Others

#### Publication

All papers submitted to HVDC 2020 will go through a peer review process. Those which are accepted and registered will be published in the conference proceedings, and papers presented will be uploaded to IEEE Xplore and then listed in Ei Compendex.

#### Location

Xi'an is located in the "heart" area of China. As one of the oldest cities in China, Xi'an is also one of the Four Great Ancient Capitals in the world, having held the position under several of the most important dynasties in Chinese history, including Qin, Han, and Tang. Recently, Xi'an, with a population of around 12 million, has emerged as an important cultural, industrial and educational center of the central-northwest region of China.

This conference will be organized and hosted by Xi'an Jiaotong University, which has been a key university of China ever since established more than 120 years ago and is a member of the consortium of Chinese top universities – China 9 (C9).

#### Social Program and Technical Tours

A social program will be organized for conference attendees and accompanying persons as an opportunity to better network with their colleagues and to experience the attractions in Xi'an. Technical tours to prominent local industrial companies tightly related to HVDC technologies are also planned.

#### Website and Contact

<http://hvdc2020.csee.org.cn>

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