



Call for Abstracts & Full Papers Is Now Open for New Energy and Energy Conservation Technology Conference, IPPTC 2022

Dear Sir/Madam,

Themed on "Cooperation and Technology Promotes Energy Low-carbon Transformation," New Energy and Energy Conservation Technology Conference, IPPTC 2022 will be held at the New China International Exhibition Center in Beijing between **21-23 March 2022**, together with International Petroleum and Petrochemical Technology Conference 2022 (IPPTC), International Environmental Monitoring and Management Conference, IPPTC 2022 and China International Petroleum and Petrochemical Equipment Exhibition 2022 (CIPPE).

The organising Committee will select papers across **more than 8 technical categories** to provide many opportunities for you to share your expertise and knowledge in multiple disciplines. **The abstract submission deadline is 30 November 2021, and the deadline for full papers is 31 December 2021.**

Technical Categories

1. Hydrogen energy technology: Hydrogen production technologies such as hydrogen production from coal, hydrogen production from natural gas, integration of renewable energy and hydrogen production from electrolyzed water, hydrogen production from biomass, hydrogen production from alkaline water electrolysis, hydrogen production from pure water electrolysis, and hydrogen production from high-efficiency off-grid wide-power electrolysis of water; hydrogen storage and transportation technologies such as hydrogen storage and transportation equipment, high-pressure gaseous hydrogen storage, long tube trailer transportation, large-capacity tube bundle container hydrogen storage, high-pressure type-IV hydrogen storage bottle materials, liquid hydrogen storage and transportation, ultra-high pressure compressor technology; Hydrogenation technologies such as refueling and hydrogenation facilities; hydrogen fuel cell technology; hydrogen fuel cell engine technologies such as hydrogen circulation pumps; test equipment technologies such as high-precision hydrogen quality detection, high-sensitivity hydrogen leakage detection; hydrogen energy safety supervision system and Standard specifications; hydrogen application technology in the coal chemical industry, steelmaking industry and other fields; integrated production of methanol, olefins and other high-end materials from hydrogen and high-end coal-based new materials.

2. Fuel cell technology: Proton exchange membrane fuel cell, methanol fuel cell, molten carbonate fuel cell and solid oxide fuel cell and other key fuel cell technologies; fuel cell catalyst, carbon paper, bipolar plate technology; fuel cell power output Technology; fuel cell vehicle related technology; fuel cell application technology in rail transit, aerospace, distributed power generation, combined heat and power, etc.;

3. Solar energy technology: photovoltaic power generation technology, solar cell technology,

solar cooling technology, building photoelectric integrated technology, heat pump technology;

4. Geothermal energy technology: geothermal energy exploitation technology, geothermal power generation technology, geothermal direct utilization technology;

5. Ocean energy technology: offshore wind energy, tidal energy, wave energy, temperature difference energy and other utilization technologies, deep sea hydrate, manganese nodules mining technology;

6. Clean coal technology: Clean technology of direct coal combustion, coal gasification technology, coal liquefaction technology, integrated gasification combined cycle (IGCC), etc.;

7. Energy conservation technology: industrial waste heat recovery and utilization technology, high-efficiency and low-pollution industrial boiler technology, electronic power technology, high-efficiency motor technology, high-efficiency energy conservation lighting technology, far-infrared heating technology, electric Electrothermal membrane heating technology;

8. Wind energy utilization technology, nuclear energy utilization technology, magnetic fluid power generation technology, superconducting energy storage technology, lithium ion battery technology, new energy bracket technology, biomass energy application technology, new energy vehicles, rail cars, charging pile technology, smart grid technology, carbon capture and storage technology, etc.

New Energy and Energy Conservation Technology Conference, IPPTC 2022 will also be held virtually in order to make a convenience for international speakers and attendees.

Under the joint efforts of Xi'an Shiyou University, Shaanxi Petroleum Society and Beijing Zhenwei Exhibition Co., Ltd, IPPTC attracts more and more professors, researchers and senior engineers to express and exchange views concerning the oil and gas industry, which have made a significant impact on reservoir surveillance, intelligent oilfield, unconventional reservoir development and EOR in the petroleum exploration. The embarking on a new journey of holding New Energy and Energy Conservation Technology Conference, IPPTC is expanding its platform which will in turn bring more benefits to the world.

Full papers will be published by Springer Nature and excellent papers will be awarded with the conference certificate.

For more information about technical categories, please contact ffang@ipptc.org or visit www.ipptc.org.

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