

2021 International Energy Storage and Hydrogen & Fuel Cell Technology Conference


- 3rd Int'l Hydrogen & Fuel Cell Conference - 6th Int'l Energy Storage Conference


Date: June 3-4

Room: Kerry Hotel Pudong, Shanghai, Grand Shanghai Ballroom 3 (Afternoon, June 3) & Pudong Ballroom 5-7 (June 4)

With different countries announcing their pledges on achieving carbon neutrality, renewable energy will be the main body of energy consumption increment, and hydrogen energy will usher in unprecedented development opportunities. A combination of falling costs for solar and wind power, improved performance of energy storage as well as progress of technology for water electrolyzing hydrogen production could kickstart the green hydrogen sector as a key enabler of the energy transition, thus playing a critical role in meeting carbon neutrality targets in the next decade and beyond.

With a theme of “Developing Green Hydrogen, Achieving Carbon Neutrality”, the conference covers the expertise areas including hydrogen production (photovoltaic hydrogen production), storage, transportation and infrastructure, fuel cell systems and key challenges with applications, as well as particularly the technical breakthroughs and business models of green hydrogen. It aims to strengthen collaborative innovation and investment among the solar power, hydrogen, and energy storage technologies.

June 3, 2021		Grand Shanghai Ballroom 3
<p>Conference Chairman: Prof. Tianwei Tan, Academician of Chinese Academy of Engineering; President, Beijing University of Chemical Technology; Chairman, China Renewable Energy Society</p> <p>Executive Chairman: Mr. Zhen Wang, Director, Shanghai Science and Technology Exchange Center</p> <p style="text-align: center;">Mr. Gongshan Zhu, Chairman, Global Green Energy Industry Council (GGEIC)</p>		
Opening Ceremony		
Moderator: Mr. Zhen Wang, Director, Shanghai science and Technology Exchange Center		
13:15-14:00	<p>Representative from Shanghai Municipal Government</p> <p>Mr. Baoshan Li, Vice Chairman, China Renewable Energy Society</p> <p>Mr. Gongshan Zhu, Chairman of Global Green Energy Industry Council (GGEIC)</p> <p>Dr. Heinz Ossenbrink, Former Head of Unit, Energy Efficiency and Renewable Energy, European Commission, Joint Research Centre; Advisor ETA Florence Renewable Energies </p>	
Unveiling Ceremony & Action Initiative on Carbon Neutrality		
14:00-14:20	<ul style="list-style-type: none"> • Unveiling Ceremony of Shanghai Engineering Research Center of Hydrogen Energy • Action Initiative on Carbon Neutrality for New Energy Industry 	
Keynote Session 1: Hydrogen economy and development and prospect of green hydrogen energy		
Moderator:		
<p>Mr. Lijun Jiang, Director of Hydrogen Special Committee of Chinese Renewable Energy Society; Chief Expert, GRINM Group; Director, National Engineering Research Center for Nonferrous Metals and New Energy Materials</p>		

and Products	
Mr. Dong Wang, Chief Engineer, Shanghai Institute of Space Power-Sources	
14:20-14:40	Prof. Zhigang Zou Academician of the Chinese Academy of Sciences; Nanjing University
14:40-15:00	Hydrogen economy is the only way to achieve carbon peak -- UNDP helps China promote hydrogen economy Mr. Weidong Zhang Programme Manager of Energy and Environment Portfolio Sustainable Development Team, United Nations Development Programme
15:00-15:15	Take advantage of the fifth plenary session to promote the development of green hydrogen energy Mr. Dingming Xu Former Counselor of the State Council; Vice Chairman of National Energy Expert Consultative Committee
15:15-15:30	Mr. Lijun Jiang Director of Hydrogen Special Committee of Chinese Renewable Energy Society; Chief Expert, GRINM Group; Director, National Engineering Research Center for Nonferrous Metals and New Energy Materials and Products
15:30-15:45	Large scale development of hydrogen energy to solve the problem of new energy consumption Mr. Junjun Zhang Executive Director, China Electric Power Research Institute
15:45-16:00	Strategic layout of Sinopec in the field of new energy Ms. Yuxuan Zhou General Manager, Sinopec Enze Fund
16:00-16:15	Renewable Hydrogen – Achieving the last-mile towards climate-neutrality Ms. Aurélie Beauvais  Head of Renewable Hydrogen Coalition in Europe; Deputy CEO, SolarPower Europe
16:15-16:30	Hydrogen development strategy under carbon neutral goals Prof. Qinbai Fan Director, Shanghai Hydrogen Research Institute, SINOMECH
16:30-16:45	Catalytic materials and system applications of PEM water electrolysis technology Dr. Wei Xing Institute of Applied Chemistry, Chinese Academy of Sciences
16:45-17:00	Green hydrogen produced by electrolysis technology powered by renewable energy Dr. Hongmei Yu Dalian Institute of Chemical Physics, Chinese Academy of Sciences
17:00-17:15	Green Hydrogen Trading Hub and Pricing Mechanism in Asia Mr. Jinmiao Xu Energy expert of Asian Development Bank
17:15-17:30	Role and Strategy for Green Hydrogen in Germany's Energy Transition Mr. Tim Nees Project Manager of the Sino-German Energy Partnership, German Agency for International Cooperation (GIZ)

June 4, 2021		Pudong Ballroom 5-7
Keynote Session 2: Technology, equipment, and cases of green hydrogen production from renewable energy		
Moderator: Ms. Yu Zhang, Vice President and Secretary General of Hydrogen Industry Promotion Association		
09:00-09:15	Research and application demonstration of wind power dynamic electrolysis hydrogen production technology Dr. Pengjie Wang Manager, Huaneng Clean Energy Research Institute (HCERI)	
09:15-09:30	Case sharing of hydrogen industry park of China Power Corporation of SDIC Mr. Wei Xing China Power Corporation of SDIC	
09:30-09:45	Feasibility and Policy Study of Green Hydrogen Power Demonstration Project in China Dr. Yanfei Li Associate professor of Hunan university of technology and business; and researcher of Economic Research Institute for ASEAN and East Asia	
09:45-10:00	Status and future of the water alkaline electrolysis technology Mr. Bihang Zhang Chairman, Suzhou Jing Li Equipment Co., Ltd.	
10:00-10:15	Large-Scale water electrolysis system Mr. Wei Xu Chief engineer, Tianjin Mainland Hydrogen Equipment Co., Ltd (THE)	
10:15-10:30	Development of hydrogen refueling technology and perspectives Dr. Guangli He Senior Engineer and Department Manager of Hydrogen Energy R&D, National Low Carbon Energy Institute	
Keynote Session 3: Green transportation and hydrogen energy infrastructure construction		
Moderator: Mr. Hailin Chen, Executive Vice Director of Shanghai Hydrogen Engineering Technology Research Center		
10:30-10:45	The development prospect of the hydrogen and fuel cell industry of China under the carbon neutral background Prof. Cunman Zhang Vice Director, New Energy Vehicle Engineering Center, Tongji University	
10:45-11:00	Research on hydrogen storage and transport with high density and low cost Prof. Xingguo Li Beijing University	
11:00-11:15	Opportunities and challenges faced by the transformation of urban gas industry under the background of booming hydrogen industry Dr. Jishi Zhao Director, Foshan Institute of Environmental and Energy Research; Secretary General, Foshan Hydrogen Industry Innovation Alliance	
11:15-11:30	Mr. Wei Wei President, Baowu Clean Energy Co., Ltd.	

11:30-11:45	The development, scenario and incentives of hydrogen industry in Europe Mr. Yucheng Tang Vice President & General Manager of New Energy Division, Siemens Energy Co., Ltd.
11:45-12:00	Hydrogen refueling station construction standards and safety Shanghai Sunwise Energy Systems Co., Ltd.

June 4, 2021	Pudong Ballroom 5-7
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Keynote Session 4: Energy storage development under the double-carbon target

Moderator: Ms. Zhen Li, Deputy Secretary-General, China Energy Storage Alliance

13:30-14:00	Energy Storage Industry Trends Under Carbon Neutral Mr. Zhenhua Yu Vice Executive Director, China Energy Storage Alliance
14:00-14:20	Energy storage development path under "carbon peak and carbon neutral" Mr. Gang Lu Director of Energy Strategy and Planning Research Center, State Grid Energy Research Institute
14:20-14:40	2021 Solar and Storage Market Outlook Mr. Andy Klump CEO and Founder, Clean Energy Associates
14:40-15:00	Energy storage technology innovation helps to achieve double carbon goals Mr. Shaowen Yin Dean of Electric Power Research Institute, BYD Auto Industry Company Limited
15:00-15:20	The development mode research of integration of solar and energy storage against carbon neutralization Mr. Yaxi Han General Manager of Trina Solar Energy Storage
15:20-15:40	Integration of PV+ESS to Achieve Zero-carbon Electricity Mr. Zhengmao Jiang General Manager (GM) of Energy Storage division, Sineng Electric Co., Ltd.
15:40-16:00	100MW advanced compressed air energy storage system and its application in power generation Mr. Lv Ji Energy Storage R&D Center, Institute of Engineering Thermophysics, Chinese Academy of Sciences
16:00-16:20	Mr. Jianlong Sha Deputy General Manager, EVPS Anhui Power Battery Co., Ltd.
16:20-16:40	Distributed Hydrogen Storage System: A next step towards carbon-zero Mr. Xingru Tan Researcher, JIHUA Laboratory
16:40-17:00	Photovoltaic + energy storage product solution helps carbon neutralization meet the requirements Mr. Guangwei Tian Senior Product Manager of Jinko Solar

*This schedule is subject to change.

Ⓟ Visual Presentation Ⓡ Pre-recorded Presentation

Co-organized by:



Invited Organization:



Special Co-organizer:



Invited Supporting Partners:



Foshan University
Foshan Institute of Environmental and Energy Research
Foshan Hydrogen Industry Innovation Alliance

International Partner:

