

INVITATION

China Nuclear Energy Sustainable Development Forum

2019 Spring International Summit

Theme: Development, Innovation and Cooperation of Nuclear

Energy in the Clean Energy Era

Dear distinguished guest:

To discuss the key issues facing nuclear energy sustainable progress in the world, focus on the theme of “*Nuclear Energy Development, Innovation and Cooperation in the Clean Energy Era*”, it is our great pleasure to inform that we will hold the 2019 China Nuclear Energy Sustainable Development Forum (CNESDF) on April 1-2, 2019 in Beijing, China, which is alongside the 13th China International Nuclear Power Industry Exhibition. I would like to extend a most cordial invitation to you to participate in the Forum and visit the exhibition. I believe that your participation would be of essentially significance on this occasion.

CNESDF is organized by China Nuclear Energy Association (CNEA), guided by China Atomic Energy Authority (CAEA), National Energy Administration (NEA) and National Nuclear Safety Administration (NNSA), is a connection platform across governments, businesses, researchers and the public in China and abroad to exchange the valuable opinions on how to promote the nuclear energy sustainable development by innovation and cooperation among the world, improve the nuclear energy economics and enhance its acceptance, strengthen the regional safety partnership, etc. This event is consisted of one main forum and 3 sub-forums, please see the attached draft agenda for information in detailed.

In the past year, there had been 7 nuclear power units put into operation in Chinese mainland, the total 45 running units make China to rank the third in the world. And, it is expected that China will still remain the top one with units under construction in the near future. However, we are also facing several serious challenges, especially the economics, public acceptance and so on, that is why we will take this opportunity to introduce the status of major nuclear projects and technology innovation, at the same time to exchange the opinions with foreign counterparts. We expect that you and your organization will be very valuable for this event’s success.

For more information on this event, please see the following instructions.

ORGANIZED BY:

China Nuclear Energy Association (CNEA)

GUIDED BY:

China Atomic Energy Authority (CAEA)

National Energy Administration (NEA)

National Nuclear Safety Administration (NNSA)

SUPPORTED BY:

China National Nuclear Power Co., Ltd.

Shanghai Electric Nuclear Power Group

PARTNER:

World Nuclear Association (WNA)

AUDIENCE

The Forum will bring together high-level decision-makers from international organizations and governmental bodies, technical experts from industrial organizations and academia, entrepreneurs from public and private sectors as well as users.

WHY ATTEND

- Discuss the nuclear energy prospects in China and the world;
- Discover the latest technology innovation and industrial process;
- Share good practices and discuss about the solutions for challenges with your peers;
- Find all the key players of nuclear power sector from China and other countries;
- Explore the potential partners and market by networking;

LANGUAGE

The working languages of the forum will be Chinese and English, the Simultaneous interpretation will be arranged.

EVENT SCHEDULE:

- Registration: April 1 08:00-09:00, Conference Center Lobby, the Great Wall

Hotel Beijing

- Forum: April 1, Main forum; April 2, three sub-forums, Ballroom, Floor 2, Conference Center, the Great Wall Hotel Beijing
- Exhibition: April 1-3, the 13th China International Nuclear Power Industry Exhibition (Hall 2-6, China International Exhibition Center, No. 6, North 3rd Ring East Road, Chaoyang District, Beijing, China)
- Technical tour: April 3-6, NPPs

FORUM PROGRAMM

April 1, 2019

Main forum: Development, Innovation and Cooperation of Nuclear Energy in the Clean Energy Era

- Session 1: Opening ceremony
- Session 2: Keynote speeches
- Session 3: CNEA Science & Technology Award Ceremony
- Session 4: Opening ceremony of the 13th China International Exhibition of Nuclear Power Industry
- Session 5: Special reports
- Session 6: Reports release
- Session 7: Main forum conclusion

April 2, 2019

Sub-forum 1: Nuclear energy development in the clean energy era and the first Nuclear Energy Think Tank Forum

- Session 1: Founding ceremony of Nuclear Energy Think Tank Union
- Session 2: Special reports
- Session 3: Discussion
- Session 4: Sub-forum conclusion

Sub-forum 2: Nuclear Energy Innovation in the Clean Energy Era

- Session 1: Special reports

- Session 2: Exchange and discussion I
- Session 3: Exchange and discussion II
- Session 4: Exchange and discussion III
- Session 5: Sub-forum conclusion

Sub-forum 3: International Cooperation on Nuclear Energy in the Clean Energy Era and "The Belt and Road" Cooperation Forum

- Session 1: Special reports
- Session 2: Round discussion I
- Session 3: Round discussion II
- Session 4: Round discussion III
- Session 5: Sub-forum conclusion

Please see Annex 1 for detailed information.

TECHNICAL VISIT:

- Route 1: Beijing—Shandong province: Haiyang AP1000 NPP—Rongcheng CAP1400 NPP— Shidao Bay HTR-PM;
- Route 2: Beijing—Fujian province: Fuqing HPR1000 NPP;
- Route 3: Beijing—Guangdong province: Taishan EPR NPP

How: please choose an interested route (only 1) and marked in the Forum Registration Form and feedback before March 25, the special responsible person will contact with you before **March 27** for detailed arrangement.

Fee: the visitors will be free of charge and provided the local visit traffic. However, the round intercity traffic and local accommodations expense will be borne by yourself.

REGISTRATION

Fee: All the invited speakers and guests will be free of charge, and enjoy the free lunches during forum.

How: Please fill out the attached registration form (See Annex 2) and email to the contact person as below before Mar. 25:

Name: **Mr. ZHAO Pengcheng**

Organization: China Nuclear Energy Association (CNEA)

Email: 408737538@qq.com Tel: 8610-88305830 Cell: 86-13611193847

FORUM HOTEL:

Name: The Great Wall Hotel Beijing

Add.: No.10, East 3rd Ring North Road, Chaoyang District, Beijing, China

Tel.: 8610-65905566 (Hotel front desk)

Web: www.greatwallsheraton.com

Reservation: Please fill out the attached Hotel Reservation Form (see Annex 3) and fax or mail to hotel as specified in the reservation form.

ANNEX:

ANNEX 1: CNESDF Draft Agenda

ANNEX 2: Forum Registration Form

ANNEX 3: Hotel Reservation Form

Annex 1.

China Nuclear Energy Sustainable Development Forum 2019 Spring International Summit Draft Agenda

Main Forum (April 1)

Moderator: **Mr. ZHANG Tingke**
Vice Chairman and Secretary-general
China Nuclear Energy Association

Session I: opening ceremony

09:00-09:20 Opening remarks by **Mr. YU Jianfeng**
Chairman, China Nuclear Energy Association
President, China National Nuclear Corporation

Session II: keynote speeches

09:20-09:40 **Mr. ZHANG Kejian**
Vice Minister of Ministry of Industry and Information
Technology, Chairman of China Atomic Energy
Authority

09:40-10:00 **Mr. Yukiya Amano (TBD)**
Director General, International Atomic Energy Agency

10:00-10:20 **Mr. LIU Hua**
Vice Minister of Ministry of Ecology and Environment,
Director General, National Nuclear Security
Administration

10:20-10:40 **Mr. William D Magwood, IV**
Director General, OECD Nuclear Energy Agency

10:40-11:00 **Mr. ZHANG Jianhua**
Director General, National Energy Administration

11:00-11:20 **Ms. Agneta Rising**
Director General, World Nuclear Association

Session III: award ceremony

11:20-11:50 Awarding science and technology prizes by distinguished officials and experts

Session IV: opening ceremony of the 13th China International Exhibition of Nuclear Power Industry

11:50-13:00 Opening remarks by Mr. Zhang Tingke visiting the exhibition

13:00-14:00 Lunch

Session V: special report

Moderator: Mr. ZHAO Chengkun
Executive Deputy Director of CNEA Expert Committee, Former Director of National Nuclear Safety Administration

14:00-14:20 **Mr. GU Jun**
General Manager, China National Nuclear Corporation

14:20-14:40 **Mr. Christophe POINSSOT**
Nuclear Counsellor, French CEA Permanent Representative in China

14:40-15:00 **Mr. JIANG Yi**
General Manager, State Power Investment Corporation Limited

15:00-15:20 **Mr. Keith Franklin**
Senior Nuclear Advisor, UK Department for International Trade

15:20-15:40 **Mr. GAO Ligang**

- President, CGN Power Co., Ltd
- 15:40-16:00 Improvement and Restart of Japanese Nuclear Energy in the Post-Fukushima Era
Mr. Akio Takahashi
Chairman, Japan Atomic Industrial Forum
- 16:00-16:20 Tea break
- 16:20-16:40 **Mr. DENG Jianling**
Deputy General Manager, China Huaneng Group
- 16:40-17:00 Thinking on Nuclear Energy Development in Taiwan
Mr. CHEN Bucan
Chairman, Nuclear Science & Technology Association (Taiwan)

Session VI: Report release

- 17:00-17:20 Releasing the "Report on China's Nuclear Energy Development" (2019 version)
Mr. YE Qizhen
Chairman, CNEA Experts Committee
Academician, Chinese Academy of Engineering
- 17:20-17:40 Releasing "Study on the Economics of Third-generation Nuclear Power in China"
Mr. HUANG Feng
Member, CNEA Expert Committee
Former Deputy General Manager, China International Engineering Consulting Corporation

Session VII: Conclusion

- 17:40-17:50 Concluded by Mr. ZHANG Tingke
- 18:00-19:30 Banquet

Sub-Forum (April 2)

Sub-forum 1&the first Nuclear Energy Think Tank Forum

Theme: Nuclear Energy Development in the Clean Energy Era

- Moderator:** **Mr. QIU Jiangang**
Member, CNEA Expert Committee
Former Deputy General Manager, China National Nuclear Corporation
- 09:00-09:20 Sub-forum opening ceremony and founding ceremony of Nuclear Energy Think Tank Union
Introducing the Nuclear Energy Think Tank Union by **Mr. ZHANG Tingke**;
Jointly unveiling by the invited leaders and guests.
- 09:20-09:40 Status and Role of Nuclear Energy in the Electric Power Development in China
Mr. WEI Zhaofeng
Executive Vice Chairman of China Electricity Council
- 09:40-10:00 Development of Nuclear in Energy Transition in France and its Impacts on Society
Mr. Hervé Machenaud
Former Executive Vice President of EDF and President of EDF Asia-Pacific
Partner of Trail Capital of the Central European Investment Fund
- 10:00-10:20 Nuclear Power Status in China
Mr. XU Yuming
Vice Chairman, CNEA Expert Committee
Former chairman, China Atomic Energy Authority
- 10:20-10:40 Current Status and Future Prospects of Nuclear Energy

	Development in Russia Mr. Dmitry Strelnik General Manager, Rosatom East Asia
10:40-11:00	Tea break
11:00-11:20	Paths and Measures for Safe and Efficient Development of Nuclear Power in China Mr. ZHANG Xubo Director, China Nuclear Power Development Center
11:20-11:40	Challenge and settlement faced by Nuclear Security Mr. YANG Zhimin Vice Director, State Nuclear Security Technology Center
11:40-12:00	Safeguards for Nuclear Power Development in China Mr. Chai Guohan Deputy Director, the Center for Nuclear and Radiation Safety
12:00-14:00	Lunch
14:00-14:20	Global Nuclear Power Development Tendency Mr. BAI Yunsheng Executive Vice President, China Institute of Nuclear Information & Economics
14:20-14:40	Nuclear Power and a Clean, Low-carbon, Safe and Efficient Energy System Mr. FAN Sheng Vice President, SPIC Research Institute of Science and Technology
14:40-15:00	Research and Implementation of Ecological Nuclear Power Mr. LIU Jinhong General Manager Assistant, CGN Suzhou Nuclear Power Research Institute
15:00-15:20	Nuclear Power Development under Environmental

Constraints

TBD

Huaneng Research Institute of Technology and Economics

15:20-15:40 High Quality Energy Development and Its Adaptability
Requirements to Nuclear Power

Mr. LU Gang

Director, SGERI Institute of Energy Strategy and Planning

15:40-16:00 Tea break

16:00-17:20 Discussion

17:20-17:30 Conclusion

Sub-forum 2

Theme: Nuclear Energy Innovation in the Clean Energy Era

Moderator: Mr. ZHAO Chengkun

Executive Vice Chairman, CNEA Expert Committee

Former Director General, NNSA

Session I: innovation and outlook of nuclear power technologies

09:00-09:20 Continuous Improvement and Innovation of HPR1000 Nuclear Power Technology

Mr. ZOU Yongping

President, Hualong International Nuclear Power Technology Co. Ltd.

09:20-09:40 Innovation and Outlook of EPR Nuclear Power Technology

Mr. Fabrice Fourcade

President of EDF in China

09:40-10:00 Innovation and Outlook of CAP1400 Nuclear Power Technology, as a major national scientific and technological project

Mr. ZHENG Mingguang

Chief Designer, "large advanced PWR NPP"

President of SNPTC Shanghai Nuclear Engineering Research & Design Institute

10:00-10:20 Innovation and Outlook of AP1000 Nuclear Power Technology

Mr. Ken Canavan (TBD)

Chief Technology Officer, Westinghouse Electric Corporation

10:20-10:40 Technical Characteristics and Application of HTGR

Mr. ZHANG Zuoyi

Deputy Director of the School Affairs Committee of
Tsinghua University

Director General and Chief Engineer, the Institute of
Nuclear and New Energy Technology, Tsinghua
University

10:40-11:10 Tea break

**Session II: experience exchanges and roundtable discussion on
nuclear power innovation projects**

11:10-11:20 Progress and Prospects of HPR1000 Demonstration
Project

Mr. CHEN Guocai

General Manager, CNNC Fuqing Nuclear Power Co.,
Ltd.

11:20-11:30 Progress and Outlook of HPR1000 Nuclear Power
Project

Mr. XIE Jiajie

General Manager, CNNC China Zhongyuan Engineering
Corp.

11:30-11:40 Progress and Outlook of HPR1000 Nuclear Power
Project

Mr. CHEN Jian

General Manager, CGN Guangxi Fangchenggang
Nuclear Power Co., Ltd.

11:40-11:50 Progress and Outlook of CAP1400 Nuclear Power
Project

Mr. WANG Yingrong

President, State Nuclear Power Demonstration Plant Co.,
Ltd.

11:50-12:00 Progress and Outlook of HTGR Nuclear Power
Demonstration Project

Mr. MAO Wei

General Manager, Huaneng Shandong Shidao Bay
Nuclear Power Co., Ltd.

12:00-12:30: Discussion

12:30-14:00: Lunch

**Session III: experience exchanges and roundtable discussion on
nuclear power innovation projects: Progress and Outlook of AP1000
Nuclear Power Innovation Project**

14:00-14:10 **Mr. Liao Yamin**

General Manager, CNNC Sanmen Nuclear Power Co.,
Ltd.

14:10-14:20 **Mr. WU Fang**

President, SPIC Shandong Nuclear Power Co., Ltd.

14:20-14:30 **Mr. David Durham (TBD)**

Head, AP1000 V.C Summer and Vogtle projects,
Westinghouse Electric Corporation

14:30-15:30: Discussion

15:30-16:00: Tea break

**Session IV: experience exchanges and roundtable discussion on
nuclear power innovation projects: Progress and Outlook of EPR
Nuclear Power Innovation Project**

16:00-16:10 Taishan NPP Phase I Project Progress

Mr. Liu Haijun

Deputy General Manager, CGN Taishan Nuclear Power
Joint Venture Co., Ltd.

16:10-16:20 **TBD**

EDF Flamenville-3 project

16:20-16:30 **Ms. Marjut Vähänen**

Managing Director, Finnish Nuclear Industry Association

16:30-16:40 **Mr. Bernard FONTANA**

CEO, Framatome

16:40-17:20 Discussion

17:20-17:30 Conclusion

Sub-forum 3

Theme: International Cooperation on Nuclear Energy in the Clean Energy Era and "The Belt and Road" Cooperation Forum

Moderator: Mr. WANG Yiren

Special advisor to CNEA Expert Committee

Former Vice Chairman, CAEA

Session I: potential and outlook of China's nuclear energy construction cooperation

09:00-09:15 **Mr. TANG Weibao**

Chief Engineer, Shanghai Electric Nuclear Power Group

09:15-09:30 **Mr. ZHONG Weibin**

General Manager, Nuclear Power Department, Harbin Electric Company Limited

09:30-09:45 **Mr. GAO Feng**

Vice President, Dongfang Electric Co., Ltd.

09:45-10:00 **Mr. LI Xiaoming**

President, China Nuclear Engineering & Construction Corporation Limited

10:00-10:15 **Mr. LU Jinqi**

President, Shanghai Apollo Machinery Co., Ltd.

10:15-10:40 Discussion

10:40-11:00 Tea break

Session II: Roundtable discussion on international nuclear energy cooperation: "The Belt and Road" Cooperation—CNNC

11:00-11:10 **Mr. LI Xiaoming**

General Manager Assistant, China National Nuclear Corporation

- 11:10-11:20 **Mr. Muhammad Saeed ur Rahman (TBD)**
Nuclear Power committee
Pakistan Atomic Energy Commission
- 11:30-11:40 **Mr. WANG Delin**
Director, CNNC Industrial Development and
International Cooperation Department
- 11:40-11:50 **TBD**
Vice Chairman, Jordan Atomic Energy Commission
- 11:50-12:00 **Mr. Julian Gadano**
Undersecretary of Nuclear Energy, Argentine,
- 12:00-12:10 **Mr. Baurzhan Ibrayev (TBD)**
Vice President, Kazatomprom
- 12:10-12:40 Discussion
- 12:40-14:00 Lunch

**Session III: roundtable discussion on international nuclear energy
cooperation: "The Belt and Road" cooperation—CGN**

- 14:00-14:10 **TBD**
General Nuclear International
- 14:10-14:20 **TBD**
British Company
- 14:20-14:30 **Mr. CHEN Yingjian**
Vice President, CGN Power Co., Ltd
General Manager, CGN China Nuclear Power
Engineering Co., Ltd.
- 14:30-14:40 **TBD**
EDF Energy
- 14:40-14:50 **Mr. Daniela Lulache**
President, Romania National Nuclear Power Company
- 14:50-15:30 Discussion

15:30-16:00 Tea break

Session IV: roundtable discussion on international nuclear energy cooperation: exchanges and discussion on "The Belt and Road" cooperation—SPIC

16:00-16:10 **Mr. WEI Suo**
Deputy General Manager, State Power Investment Corporation Limited

16:10-16:20 **Dr. İzzet ALAGÖZ**
General Manager, Turkey Electricity Generation Company

16:20-16:30 **Mr. HAO Hongsheng**
Chief Engineer, SPIC Nuclear Energy Safety and Development Department

16:30-17:20 Discussion

17:20-17:30 Conclusion

Annex 2.

China Nuclear Energy Sustainable Development Forum

2019 Spring International Summit

Registration Form

Full Name			
Organization			
Title			
Email			
Tel.			
Contact person	(if need)		
Please choose the activities and mark in the blank			
Main Forum		Sub-Forum 1	
Sub-Forum 2		Sub-Forum 3	
Technical Route 1		Technical Route 2	
Technical Route 3			

Please fill the attached registration table and fax or mail to the contact person as below before Mar. 25:

Name: **Mr. ZHAO Pengcheng**

Organization: China Nuclear Energy Association (CNEA)

Email: 408737538@qq.com

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