

# LATEST DEVELOPMENTS IN NUCLEAR ENERGY FOR SUSTAINABLE DECARBONISATION

9 Dec 2022

10:00am – 5:15pm



Online

Zoom / Tencent



Onsite (by invitation)

Herbaly Lecture Theatre, Bank of China (Hong Kong) Complex,  
City University of Hong Kong



Language

English, Putonghua



Keynote Speaker

**Millie Ng**

Deputy Secretary for Environment and Ecology (Environment), Environment and Ecology Bureau, HKSAR Government

Nuclear Energy's Essential Role to Net Zero Emissions



Keynote Speaker

**Way Kuo**

President, City University of Hong Kong

# Forum Programme

## Session 1

### Nuclear Energy's Development and Policy in Hong Kong and Beyond

Hong Kong's Energy Future:  
A Continuing Role for Nuclear?



**Christine Loh**

Chief Development Strategist,  
Institute for the Environment,  
The Hong Kong University of  
Science and Technology

How Does Nuclear Energy Help GBA and  
Hong Kong Achieve Decarbonisation?



**Roger Chen**

Senior Director – Nuclear,  
CLP Holdings

Nuclear Energy Agency Perspectives on  
the Global Developing Nuclear Energy Industry



**Emma Wong**

Specialist in Technology and  
Innovation, OECD/  
Nuclear Energy Agency

## Panel Discussion

### Meeting the Challenge, Availability and Public Acceptance of Nuclear Energy to Achieve Carbon Neutrality

## Session 2

### Advanced Nuclear Technology

Progress of High Temperature Gas-cooled Reactor in China



**Shi Lei (石磊)**

Professor, Institute of Nuclear and  
New Energy Technology, Tsinghua University

Current Status of Nuclear-power Industry in the World and  
Supercritical Water Reactor (SCWR) Development



**Igor Pioro**

Editor-in-Chief, ASME Journal of Nuclear Engineering  
and Radiation Science; Professor, Faculty of Energy  
Systems and Nuclear Science, Ontario Tech University

Lithium Fluoride Thorium Reactors:  
A Revolution and Return to the Original Vision of Nuclear Energy



**Benjamin Soon**

Chief Business Development Officer, Flibe Energy

The Pathway to Fusion Power



**Joe Milnes**

Head of JET Operations,  
UK Atomic Energy Authority

## Session 3

### Nuclear Safety and Public Education on Nuclear Energy

Public Education of Nuclear Energy under the New Era –  
Mainland China Successful Case Sharing



**Wang Binghua  
(王炳華)**

China Nuclear Energy Association  
(中國核能行業協會公眾溝通委員會主任)

Public Engagement on Nuclear Energy –  
Hong Kong's Experience



**Elizabeth Tai**

Director – Corporate Affairs  
(Business Operations),  
CLP Power Hong Kong

**Suzette Foo**

Director (Exercise Management Team), Security Bureau,  
HKSAR Government

## SUPPORTING ORGANISATIONS

- Institution of Occupational Safety and Health - Hong Kong Branch
- Hong Kong Radiation Protection Society
- Hong Kong Association of Risk Management and Safety
- The Hong Kong Institution of Engineers – Mechanical, Marine, Naval Architecture and Chemical Division

## Enquiries

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