

LATEST DEVELOPMENTS IN NUCLEAR ENERGY FOR SUSTAINABLE DECARBONISATION

9 Dec 2022

10:00am – 5:15pm



Online

Zoom / Tencent



Onsite (by invitation)

Herbalgy 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

Emergency Preparedness – Hong Kong's Daya Bay Contingency Plan and the 2023 Exercise



Suzette Foo

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

SUPPORTING ORGANISATIONS

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

Enquiries

Louis Liu, Secretary of Hong Kong Nuclear Society



+852 9736-4335



info@hkns.hk