

IAEA CONTACT PERSONS

Scientific Secretariat

Mr Milko Kovachev

Division of Nuclear Power
International Atomic Energy Agency
Tel.: +43 1 2600 22840
Email: NucPower21@iaea.org

Mr Sean Dunlop

Division of Nuclear Power
International Atomic Energy Agency
Tel.: +43 1 2600 22890
Email: NucPower21@iaea.org

Mr Stewart Magruder

Division of Nuclear Installation Safety
International Atomic Energy Agency
Tel.: +43 1 2600 22344
Email: NucPower21@iaea.org

Administration and Organization

Ms Martina Neuhold

Division of Conference and Document Services
IAEA-CN-206
International Atomic Energy Agency
Tel.: +43 1 2600 21314
Email: NucPower21@iaea.org

IAEA CONTACT INFORMATION

International Atomic Energy Agency
Vienna International Centre, PO Box 100
1400 Vienna, Austria
Tel.: +43 1 2600
Email: official.mail@iaea.org

CONFERENCE WEB PAGE

<https://www.iaea.org/events/nuclear-power-conference-2017>



iaea.org/meetings
CN-247

INTERNATIONAL MINISTERIAL CONFERENCE

Nuclear Power in the 21st Century

30 OCTOBER – 1 NOVEMBER 2017
ABU DHABI UNITED ARAB EMIRATES

#NucPower21

Organized by the



60 Years
IAEA *Atoms for Peace and Development*

Hosted by the United Arab Emirates Government
through the Ministry of Energy and
the Federal Authority for Nuclear Regulation



UNITED ARAB EMIRATES
MINISTRY OF ENERGY

FANR
الهيئة الاتحادية للرقابة النووية
Federal Authority for Nuclear Regulation

In cooperation with the
OECD Nuclear
Energy Agency



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BACKGROUND AND OBJECTIVES

A growing number of countries see nuclear power playing an essential role in addressing climate change and contributing to sustainable development. Some 450 nuclear power reactors in 30 countries provide about a third of the world's low-carbon electricity, with about 60 more units currently under construction around the world. About 30 additional countries are considering or preparing to introduce nuclear power.

The International Ministerial Conference on Nuclear Power in the 21st Century will enable the participants to engage in high-level dialogue on the role of nuclear power in meeting future energy demand and exchange views on the key issues related to the development and deployment of nuclear power.

Participants are encouraged to use the Conference hashtag **#NucPower21** on social media.



Photo:

MAIN TOPICS

- Nuclear power as a key to solving the 'Energy-Economy-Environment Trilemma'

This session will examine the role of nuclear power in mitigating climate change as an option in a sustainable energy mix under different national conditions and as a driver for sustainable development.

- Challenges in developing nuclear power infrastructure

This session will focus on challenges in developing strong institutional infrastructure for nuclear power including financing, stakeholder involvement and public acceptance.

- Safety and reliability aspects of nuclear energy

This session will discuss how to ensure safety, security and non-proliferation in dealing with challenges such as the expansion of nuclear power in the world, long term operation of nuclear power plants and a variety of innovative technologies.

- Innovations and advances in nuclear technology

This session will highlight new developments in various areas related to nuclear power such as small modular reactors for near term deployment and open and closed fuel cycles.

CONFERENCE STRUCTURE

Ministerial level participants are invited to deliver national statements related to nuclear power, discussing for example, their countries' energy strategy and vision for the role of nuclear power, challenges for introducing, maintaining or expanding nuclear power and expectations for the international community.

The conference programme will also feature two special presentations on innovative ideas from world renowned personalities as well as four panel sessions with a keynote speech followed by round-table discussions among internationally recognized experts.

WORKING LANGUAGE

The working languages of the conference will be all official IAEA languages: Arabic, Chinese, English, French, Russian and Spanish.

EXHIBITIONS

The conference venue will include a limited exhibition area. The booths will be unified, with the focus on digital displays. Exhibition space will be assigned to Member States on a 'first come first served' basis and subject to availability. Each interested Member State is kindly asked to contact the Permanent Mission of the United Arab Emirates to the IAEA by e-mail (contact point: Ms Jil Huber, PR Officer: jil.huber@uae-iaea.org) to reserve space and receive further details on modalities and logistical arrangements for the exhibition area.



Photo: