

International Conference on

Nuclear Knowledge Management and Human Resources Development

Challenges and Opportunities

1–5 July 2024, Vienna, Austria

Background

Nuclear knowledge management and human resources development present both challenges and opportunities for the nuclear industry due to its unique nature and evolving global landscape. Opportunities arise in addressing these challenges and enhancing the effectiveness and sustainability of the nuclear operations.

An appropriate knowledgeable and experienced multigenerational workforce, with strong safety and security culture, is required by the long lifecycle of a nuclear facility. One of the major challenges is, therefore, the preservation and transfer of knowledge from experienced professionals

to the subsequent generations. When a significant portion of the nuclear workforce approaches retirement, there is a risk of losing critical expertise and institutional memory. The capture, documentation, and transfer of this knowledge is needed to ensure continuity and prevent knowledge gaps.

The IAEA as a global hub for the exchange, dissemination and preservation of nuclear knowledge and information, has previously organized six International Conferences on Nuclear Knowledge Management (NKM) and Human Resources Development (HRD), including education and training and capacity building.



Purpose and Objectives

The purpose of the event is to review global developments related to nuclear knowledge management and human resources development; consider the current and future challenges and opportunities; provide participants with practical solutions that they can use at organizational, national and international level; and develop and maintain the human resources needed to support safe and sustainable nuclear power programmes.

Main Topics

The IAEA welcomes high-quality contributions that fall under the umbrella of the three topics listed below:

- NKM and HRD for Building and Sustaining Capacity in Nuclear Organizations to support national nuclear programmes;
- Nuclear Education and new NKM and HRD approaches to ensure skilled workforce for the future;
- Enabling NKM and HRD to support sustainable development of advanced technologies.

Audience

The conference is directed mainly at the staff of utilities, research and design organizations, regulatory bodies and manufacturing and service companies, universities and training centres, as well as government decision makers concerned with near, medium- and long-term nuclear energy needs.

Registration

No registration fee is charged.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants.

Language

The working language of the conference is English.

Organized by the IAEA



Key deadlines

5 September 2023	Opening of synopsis submission through IAEA-INDICO
30 November 2023	Submission of abstracts through IAEA-INDICO
30 November 2023	Submission of Form A, and if applicable Form B and Form C through the InTouch+ platform
28 February 2024	Notification of acceptance of abstracts for oral or poster presentation
30 April 2024	Electronic submission of extended abstracts through IAEA-INDICO
24 June 2024	Registration only (no paper submission, no grant request) using Form A through the InTouch+ Platform
1-5 July 2024	Conference dates

Contacts

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Conference webpage

Please visit the IAEA conference web page regularly for new information regarding this conference:
<https://www.iaea.org/events/NKM-HRD2024>



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