

REGISTRATION

No registration fee is charged.

LANGUAGE

The conference will be held in English.

EXHIBITION

A limited amount of space will be available for commercial vendors' displays/exhibits during the conference. Interested parties should contact the Scientific Secretariat by email (HRconference2014@iaea.org) **before 31 October 2013**.

CONFERENCE WEB PAGE

<http://www-pub.iaea.org/iaeametings/46084/International-Conference-on-Human-Resource-Development-for-Introducing-and-Expanding-Nuclear-Power-Programmes-Building-and-Sustaining-Capacity>

Please include reference number IAEA-CN-215 in all communications.

CONFERENCE SECRETARIAT

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International Conference on Human Resource Development for Nuclear Power Programmes: Building and Sustaining Capacity

**Strategies for Education and Training,
Networking and Knowledge Management**

12–16 May 2014, Vienna, Austria



Organized by the



IAEA

International Atomic Energy Agency

CN-215

BACKGROUND

The International Conference on *Human Resource Development for Nuclear Power Programmes: Building and Sustaining Capacity*, to be held in Vienna in 2014, will continue the tradition established by preceding conferences on this area, in particular the one held in Abu Dhabi in 2010. Capacity building is a major first step in the process of ensuring a sustainable supply of suitably qualified human resources that are ready to assume their responsibility for safe, responsible and sustainable use of nuclear technologies. The importance of capacity building was underlined in the IAEA Action Plan on Nuclear Safety (2011), where one of the actions calls upon Member States to strengthen, develop, maintain and implement their capacity building programmes. Also, the critical role of human resources and capacity building in developing and maintaining nuclear infrastructure was reiterated by subsequent international experts' meetings related to this topic.

This conference will focus on the global challenges of capacity building, human resource development (HRD), education and training, nuclear knowledge management and establishing/maintaining knowledge networks.

OBJECTIVES AND EXPECTED OUTCOME

The objectives of the conference are to:

- Review developments in the global status of HRD since the 2010 international conference
- Emphasize the role of human resources and capacity building programmes at the national and organizational level for achieving safe, secure and sustainable nuclear power programmes
- Discuss the importance of building competence in nuclear safety and security
- Provide a forum for information exchange on national, as well as international, policies and practices
- Share key elements and best practices related to the experience of Member States that are introducing, operating or expanding nuclear power programmes

- Highlight the practices and issues regarding HRD at the organizational and national level
- Highlight education and training programmes and practices
- Emphasize the role of nuclear knowledge management for knowledge transfer and HRD
- Elaborate on the role and scope of various knowledge networks.

TOPICS

The following topics have been identified as subjects for the conference sessions:

Topic No. 1: Human Resources and Capacity Building

This session will address current global demand for and supply of human resources for nuclear power programmes, feedback from surveys carried out by the IAEA and other organizations, and initiatives to enhance understanding of the relationship between nuclear safety and security.

Topic No. 2: Building and Sustaining Capacity through Education and Training

This session will address education and training in various aspects, from specific programmes in different organization or countries, to common challenges and innovative tools and techniques. This session will also discuss lessons learned in the assessment of training needs and the application of a model for competency framework.

Topic No. 3: Preparing the Next Generation of Nuclear Professionals

This session will address the new generation of professionals, its potential and how to attract it into nuclear power programmes, how to reach out to the younger generation through education, the role of women in the current and future workforce, and how to converge education and training activities.

Topic No. 4: Knowledge Management

This session will address good practices and lessons learned in nuclear knowledge management, its

integration into day to day activities and various implementation issues. It will also provide a forum for discussion of knowledge management for different countries in different phases of their nuclear power programme and will discuss newcomer countries' needs.

Topic No. 5: Knowledge Networks

This session will discuss various nuclear knowledge networks and their related initiatives, programmes and challenges. The session will also look at the experience related to global, regional and topical networks and methods to improve their sustainability.

AUDIENCE

The conference is directed at a broad range of experts in the area of capacity building, human resource development, education and training, knowledge management and knowledge networks for nuclear power programmes.

KEY DEADLINES

30 November 2013	Submission of Form for Submission of a Paper (Form B) and abstract
30 November 2013	Submission of Grant Application Form (Form C)
31 January 2014	Notification of acceptance of papers
28 February 2014	Submission of accepted full paper (4 pages max.)

Any participant not submitting a paper should submit Participation Form A through the appropriate authority as soon as possible.

PAPER SUBMISSION

Abstracts and full papers must be submitted to: HRconference2014@iaea.org