

LANGUAGE

The working language of the conference will be English.

EXHIBITION

A limited amount of space will be available for commercial vendors' displays/exhibits during the conference. Interested parties should contact the Scientific Secretary by email SafetyCulture2016@iaea.org before **30 October 2015**.

CONFERENCE SECRETARIAT

Scientific matters and submission of synopses and papers:

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretariat of the conference and correspondence on administrative matters to the IAEA Conference Services Section.

CONFERENCE WEB PAGE

Please visit the IAEA conference web page regularly for new information regarding this conference:

<http://www-pub.iaea.org/iaea/meetings/50800/International-Conference-on-Human-and-Organizational-Aspects-of-Assuring-Nuclear-Safety-Exploring-30-Years-of-Safety-Culture>

Please include reference number IAEA-CN-237 in all communications.

International Conference on Human and Organizational Aspects of Assuring Nuclear Safety

22–26 February 2016
Vienna, Austria



15-21701

Organized by the



BACKGROUND AND OBJECTIVES

Thirty years ago, the International Nuclear Safety Advisory Group concluded, in its investigation of the Chernobyl accident, that one of the key lessons to be learned from that accident was the importance of a strong safety culture to maintain safe operations. Almost five years have now passed since the accident at the Fukushima Daiichi nuclear power plant, and the need to implement a systemic approach to safety that takes into account the complex and dynamic sociotechnical systems comprising nuclear infrastructure is one of the main lessons emerging from investigations. This conference will allow an international audience to take a step back and reflect upon the knowledge accumulated in the areas of human and organizational factors (HOF), safety culture and leadership for safety over the past 30 years.

The objectives of the conference will be to:

- Review the experience gained with regard to HOF, safety culture and leadership for safety;
- Share and gather experiences related to current developments, approaches, methods and research in the areas of HOF, safety culture and leadership for safety; and
- Identify the future needs for building organizational resilience capabilities in order to further strengthen defence in depth for nuclear facilities and activities.

The special focus of the conference will be on safety culture and the past 30 years of developments in this area.

TOPICS

The conference will cover the following **expert areas**:

- Human and Organizational Factors
- Safety Culture/Culture for Safety
- Leadership and Management for Safety
- The Systemic Approach to Safety (The Interaction between Human, Technical and Organizational Factors)
- Resilience Engineering
- High Reliability Organizations

These areas will be reflected upon in the following **perspectives**:

- Lessons learned from the Three Mile Island, Chernobyl and Fukushima Daiichi accidents; other major events in the nuclear industry; and other high hazard sectors and industries
- Current research and development
- Current approaches and practices
- Future demands and needs to assure safe performance

AUDIENCE

The target audience of the conference comprises representatives of nuclear organizations worldwide, including operating organizations, regulatory bodies, governmental institutions, technical support organizations, vendors and other stakeholders.

CONFERENCE DESIGN

State-of-the-art knowledge on HOF will be applied to design an interactive conference enabling dialogues, reflections and sharing of knowledge, experience and approaches across cultures, disciplines and different fields of expertise.

The conference will be structured to enable the exploration of HOF, safety culture and leadership for safety from three perspectives: Reflecting upon the past; reviewing the current status quo; and setting visions for the future.

PAPERS AND POSTERS

IMPORTANT: The system for electronic submission of synopses, IAEA-INDICO, is the sole mechanism for submission of the synopses. Authors are encouraged to submit the synopses as early as possible.

KEY DEADLINES

Submission of synopsis
(including Forms A and B): **30 October 2015**

Submission of grant application
(including Forms A and C): **30 October 2015**

Notification of acceptance
of papers: **6 November 2015**

Electronic submission
of accepted full papers: **11 December 2015**

Any participant not submitting a synopsis should submit the Participation Form (Form A) through the appropriate authority as soon as possible (see the conference web page for further details).

REGISTRATION AND FUNDS

No registration fee is charged to participants. Limited funds are available to assist certain participants. Approved grants will usually cover only part of the cost of attendance. Please see the conference web page for details on how to register.