

## REGISTRATION

No registration fee is charged.

## LANGUAGE

The conference will be held in English.

## CONFERENCE WEB PAGE

Detailed information on administrative procedures including participation, submission of papers, registration and grants is provided on the conference web site: <http://www-pub.iaea.org/iaea meetings/2014>

Please include reference number IAEA-CN-214 in all communications.

## IAEA CONTACT PERSONS

### Scientific matters, submission of papers:

#### Mr Paul Woodhouse

Safety and Security Coordination Section  
Department of Nuclear Safety and Security  
Tel.: +43 1 2600 22432  
Fax: +43 1 26007  
Email: [TSOConf2014@iaea.org](mailto:TSOConf2014@iaea.org)

#### Mr Matthias Heitsch

Nuclear Safety Action Team  
Department of Nuclear Safety and Security  
Tel.: +43 1 2600 22857  
Fax: +43 1 26007  
Email: [TSOConf2014@iaea.org](mailto:TSOConf2014@iaea.org)

### Participation, grants and administrative matters:

#### Ms Martina Khaelss

Division of Conference and Document Services  
IAEA-CN-214  
Tel.: +43 1 2600 21315  
Email: [M.Khaelss@iaea.org](mailto:M.Khaelss@iaea.org)

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# IAEA

International Atomic Energy Agency

Hosted by the Government of China

through the

Nuclear and Radiation Safety Centre of the  
National Nuclear Safety Administration

State Nuclear Security Technology Center,  
China Atomic Energy Authority

Radiation Monitoring Technical Center of  
Ministry of Environmental Protection

Suzhou Nuclear Safety Center, Suzhou  
Nuclear Power Research Institute

Beijing Review Center of Nuclear Safety

in cooperation with the European Technical  
Safety Organizations Network (ETSON)

# International Conference on Challenges Faced by Technical and Scientific Support Organizations (TSOs) in Enhancing Nuclear Safety and Security

*Strengthening Cooperation and  
Improving Capabilities*

27–31 October 2014  
Beijing, China



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# IAEA

International Atomic Energy Agency

CN-214

## OBJECTIVES

The conference aims to further develop the common understanding of the responsibilities, needs, functions and opportunities of technical and scientific support to regulatory bodies, as well as to strengthen international cooperation and networking among TSOs with a view to enhancing nuclear and radiation safety regulation.

The objectives of this conference are to assess and review ways to further improve the effectiveness of TSOs. In particular, it will:

- Discuss the role of research and development in enhancing nuclear safety;
- Help participants to understand the impact of the Fukushima Daiichi accident on TSOs and to extract lessons to be learned;
- Highlight the role of TSOs in the implementation of the IAEA Action Plan on Nuclear Safety;
- Provide a forum for discussion of the roles, functions and value of TSOs in enhancing nuclear and radiation safety and nuclear security, including through capacity building in those countries launching or expanding their nuclear power programmes;
- Facilitate the exchange of experience and good practices in planning and implementing cooperative activities for capacity building and in identifying needs for assistance activities from the standpoint of recipient countries;
- Consider appropriate approaches for enhancing cooperation and effective networking among TSOs and beyond, including the establishment of centres of excellence;
- Provide an overview of the technical and scientific support needed for maintaining a sustainable nuclear safety and security system;
- Foster continued dialogue on all relevant technical, scientific, organizational and legal aspects at the international level.

## TOPICS

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

### Topical Issue 1: The role of TSOs during and after the Fukushima Daiichi accident

- National and international experiences;
- Revision of national safety requirements;
- Response to the IAEA Action Plan on Nuclear Safety by Member States;
- Root cause investigations and simulations;
- Fukushima research.

### Topical Issue 2: Interface Issues

- Meeting the challenges of the safety–security interface;
- Public communication and awareness;
- Interface issues with regulators;
- Interface issues with licensees and industry.

### Topical Issue 3: Emergency preparedness and response

- National role of a TSO during an emergency;
- Assessment and prognosis during an emergency (short, medium and long term);
- Emergency worker protection (on- and off-site);
- Training and exercises for emergency conditions (on and off-site);
- Medical emergency preparedness and response.

### Topical Issue 4: Maintaining and strengthening TSO capabilities

- Human and organizational factors;
- Knowledge management;
- Training and tutoring;
- Research and development activities;
- Safety and security cultures.

## Topical Issue 5: Networking among TSOs and beyond

- Contribution of IAEA to effective networking;
- Progress made since the last conference, held in 2010 in Tokyo;
- TSOs in small or a newcomer countries;
- TSO support to strengthen newcomer countries;
- Sharing of experiences and practices;
- Regional networks.

## AUDIENCE

The conference is targeted at a broad range of experts in the areas of nuclear safety and security, and aims to bring together the world's senior representatives from TSOs, regulatory bodies, industry/operators, research organizations and other relevant stakeholders.

## KEY DEADLINES

18 April 2014	Submission of <b>synopses</b> (including Forms A and B);
18 April 2014	Submission of <b>grant applications</b> (Forms A and C);
16 May 2014	<b>Notification of acceptance</b> of synopses;
15 July 2014	Submission of <b>draft contributed papers</b> ;
20 September 2014	Submission of <b>final contributed papers</b> .

Persons interested in participating who are not submitting a synopsis must nevertheless submit **Participation Form A** through official channels as soon as possible (see conference web page for further details).