

# CONFERENCE AGENDA

**Wednesday, May 11, 2016**

## **08:00 Conference Check-In**

## **09:00 - 09:30 Opening**

*Fernando Marti Scharfhausen*  
Chairman of the Spanish Nuclear Safety Council (CSN)  
*Stephen Burns*  
Chairman of the U.S. Nuclear Regulatory Commission (USNRC)  
*Juan Carlos Lentijo,*  
IAEA Deputy Director General of Nuclear Safety & Security

## **09:30 - 10:00 Keynote Speaker 1**

*William C. Ostendorff*  
Commissioner of the U.S. Nuclear Regulatory Commission (USNRC)

## **10:00 - 11:00 Topic 1 - Strong & Independent Security Regulatory Authority**

The regulatory authority should implement the legislative and regulatory framework and have adequate authority, competence, and financial and human resources. If the regulatory authority is not responsible, or only partially responsible for security, governmental entities which are authorized to secure nuclear and radiological materials and associated facilities should likewise have adequate authority, competence and financial and human resources. These governmental organizations should closely coordinate their activities to implement the national security framework. This session will explore criteria for a strong national security framework.

Session Chairperson:

*Fernando Castelló*

Commissioner of the Spanish Nuclear Safety Council (CSN)

Speakers:

### **Challenges in Developing a Regulatory Authority for New Reactors**

*Osama Ali Al Shehhi*  
United Arab Emirates  
Federal Authority for Nuclear Regulation (FANR)

### **Legal Authority for Armed On-Site Response**

*Terry Jamieson*  
Canada  
Canadian Nuclear Safety Commission (CNSC)

### **Sustainable nuclear security regime through the eyes of one of the slovene regulators**

*Janez Cesarek*  
Slovenia  
Slovenian Nuclear Safety Administration (SNSA)

## **11:00 - 11:30 Networking break**

## **11:30 - 12:30 Topic 2. Regulatory Challenges**

The regulatory authority on nuclear security has to face different challenges that could be considered due to an update of the national nuclear program or the existence of new threats or new devices that could be a new part of the equipment of the threat. A permanent challenge for a nuclear security regulatory authority is the need to consider the existing interface among



security, safety, safeguards and control and accountancy of nuclear materials

Session Chairperson:

*Cristina Narbona*

Commissioner of the Spanish Nuclear Safety Council (CSN)

Speakers:

**Defining the Regulators Role in the Development of the Design Basis Threat**

*Joaquín Rebollo*

Spain

Ministry of Interior

**Coordination with Other Government Organizations**

*Abdul Shakoor*

Pakistan

Pakistan Nuclear Regulatory Authority (PNRA)

**Safety and security interface**

*Jorge Dejoz*

Switzerland

Swiss Federal Nuclear Inspectorate (ENSI)

**12:30 - 14:00 Lunch**

**14:00 - 14:30 Keynote Speaker 2**

*Satoru Tanaka*

Commissioner of the Nuclear Regulation Authority (NRA) of Japan

**14:30 - 15:30 Topic 3. Nuclear Security Event**

In a global and evolving nature of the threat, as well as based on the operative experience obtained from nuclear events occurred not only in a specific country but worldwide, the nuclear security regulatory authority must review national regulation or international cooperation to address these issues correctly and to cope with potential increased level of the threat.

Session Chairperson

*Javier Dies*

Commissioner of the Spanish Nuclear Safety Council (CSN)

Speakers:

**The French crisis management organisation in case of a security event**

*Christian Tertrais*

France

Nuclear Security Department, Ministry of Environment, Energy and the Sea

**Securing nuclear facilities in Belgium in a period of increased threat**

*Rony Dressealers*

Belgium

Federal Agency for Nuclear Control (FANC)

**Developing an Insider Mitigation Program**  
*tbd*

**15:30 - 16:00 Networking break**

**16:00 - 16:30 Keynote Speaker 3**

*José De Blas Jiménez*

Director of the Spanish National Security Office

**16:30 - 17:30 Topic 4. Information Protection / Confidentiality.**

National programs for protection of classified and sensitive information for the physical protection and safeguarding of nuclear materials or facilities require that such information is protected against unauthorized disclosure. The conference will include a session to discuss the methodologies associated with information protection.



Session Chairperson:

*Miguel Rego*

Chief Executive Officer (CEO) of the Spanish National Cybersecurity Institute (INCIBE)

Speakers:

**Information protection / Confidentiality in the Netherlands**

*Marco Schraver*

Netherlands

Authority for Nuclear Safety and Radiation Protection (ANVS)

**Transparency vs. Protection of Information**

*Eugenio Mayoral*

Spain

National Security Office

**Computer Security as a Component of Nuclear Security – Observations and Lessons Learned**

*Donald Dudenhoeffer*

International Atomic Energy Agency (IAEA)

**17:30 - 18:00 Wrap up - Day 1 session ends**

**20:30 - 21:30 Guided private tour in the Museo Nacional del Prado**

**21:45 – 22:45 Cocktail in the Museo Nacional del Prado**

**Thursday, May 12, 2016**

**09:00 - 09:30 Keynote Speaker 4**

*Geraldine Dabdrieux*

Chairwoman of the European Nuclear Security Regulators Association (ENSRA)

**09:30 - 10:40 Topic 5. Evaluating Security Effectiveness**

INFCIRC 225/Rev.5 and also IAEA's Nuclear Security Series #13 introduce the recommended requirements for the definition of process to planning and evaluating the effectiveness of nuclear security plans for nuclear facilities, nuclear materials and associated facilities against theft or other unauthorized appropriation and sabotage. There are different methods and tools that could be used by the Regulatory Authority for this purpose not only during the assessment of authorization applications, but also during the established oversight program. This session will explore different methods and tools for the assessment and effectiveness evaluation.

Session Chairperson

*Miguel Calvín*

Deputy Director General for Emergencies and Physical Protection of the Spanish Nuclear Safety Council (CSN)

Speakers:

**Risk-Informing Security**

*Brian Holian*

United States of America

U.S. Nuclear Regulatory Commission (USNRC)

**Developing a Force-on-Force Performance Testing Program**

*Koh Moonsung*

Republic of Korea

Korea Institute of Nuclear Nonproliferation and Control (KINAC)

**Spanish Nuclear Security Oversight Process (SISC)**

*Antonio Pérez Báez*

Spain

Spanish Nuclear Safety Council (CSN)



**Verifying Regulatory Effectiveness  
Through Inspection**

*Daněk Tomáš*

Czech Republic

State Office For Nuclear Safety (SÚJB)

**10:40 - 11:00 Special Session: Twenty  
Years of International Physical Protection  
Advisory Service (IPPAS) (History and  
Benefits) Twenty years of IPPAS missions**

*Khammar Mrabit*

Director, IAEA Office of Nuclear Security

**11:00 - 11:30 Networking break**

**11:30 - 12:00 Keynote Speaker 5**

*Víctor Calvo-Sotelo Ibáñez-Martín*

Secretary of State for Telecommunications  
and Information Society

**12:00 - 13:00 Topic 6. Research and Test  
Reactor Security**

Nuclear research and test reactors due to their diverse objectives, characteristics and different locations introduce different challenges for the implementation and maintenance of security programmes. During this session such a challenges as nuclear safety and security interface, attractiveness of nuclear materials used and difficulties to effectively implement international recommendations will be discussed.

Session Chairperson

*Gonzalo de Salazar*

Ambassador Permanent Representative  
of Spain to the United Nations Office and  
the International Organizations in Viena

Speakers:

**Effectiveness of the Interface between  
Safety and Security**

*tbd*

**Developing Security Requirements for  
Reactor a New Build Research Reactor**

*Majd Hawwari*

Jordan

Energy and Mineral Regulatory  
Commission (EMRC)

**Challenges in Implementing  
International Recommendations for  
Research and Test Reactors**

*Kristóf Horváth*

Hungary

Hungarian Atomic Energy Authority

**13:00 - 14:30 Lunch**

**14:30 - 15:30 Topic 7. Response to Security  
Events**

Security programs are developed to address events arising from daily security practices to peaceful demonstrations, to force-on-force assaults. This session discusses how national programs have prepared for, or responded to, the continuum of security events faced by nuclear facilities or events associated with radioactive materials.

Session Chairperson

*Diego Pérez de los Cobos Orihuel*

Director for Coordination and Studies of  
the Ministry of Interior

Speakers:

**Advances in Spanish Response Model**

*Col. César Álvarez Fernández*

Spain

Guardia Civil



**Methods to Calculate the Consequence of Sabotage**

*Werner Voss*

Germany

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

**Protection Against Theft**

*tbd*

**15:30 - 16:00 Networking break**

**16:00 - 16:30 Keynote Speaker 6**

*Said Abousahl*

Head of unit, Nuclear Safety and Security at the Joint Research Center, European Commission

**16:30 - 17:30 Topic 8. Nuclear Security Culture**

Nuclear Security culture includes characteristics and attitudes in organizations and of individuals which establish that the issues relating nuclear security receive the attention warranted by their significance. An effective nuclear security culture is essential for the implementation of an effective nuclear security regime or system. During this session, different elements and components of nuclear security culture, such as awareness and development of human resources and nuclear security indicators, will be explored.

Session Chairperson:

*José M. Redondo*

Deputy Director General for Nuclear Energy, Spanish Ministry of Industry, Energy and Tourism

Speakers:

**Effective Nuclear Security Regulation: The Importance of Trust**

*Roger Howsley*

World Institute for Nuclear Security (WINS)

**Security Human Resources Development**

*Francisco Rey Arenas*

Spain

Almaraz and Trillo NPPs, Spain

**Efforts to Enhance Nuclear Security Culture in Japan**

*Nobuaki Eguchi*

Japan

Nuclear Regulation Authority of Japan (NRA)

**17:30 - 18:00 Wrap up - Day 2 session ends**

**Friday, May 13, 2016**

**09:00 - 09:30 Keynote Speaker 7**

*Francisco Martínez Vázquez*

Secretary of State for Security of the Spanish Ministry of Interior

**09:30 - 10:30 Topic 9. Transport Security**

The transport of nuclear and other radioactive materials due to its own characteristics may be the most vulnerable activity associated to the cycle of life of these materials. The different actors and authorities involved, the need of international regulations for the different modes of transportation and the existence of a strong safety and security interface pose different challenges to the regulatory



framework. During this session, related regulatory aspects will be discussed.

Session Chairperson:

*Antonio Munuera*

Technical Director for Nuclear Safety,  
Spanish Nuclear Safety Council (CSN)

Speakers:

**Current Activities for Transportation  
Including Performance Testing**

*Michael Beaudette*

Canada

Canadian Nuclear Safety Commission (CNSC)

**Experience from doing complexed  
transport security exercises at open sea  
“a floating success story”**

*Tommy Nielsen*

Sweden

Swedish Radiation Safety Authority (SSM)

**Physical Protection of Nuclear Materials  
Transport in Spain**

*Manuel J. Rodríguez Sánchez*

Spain

Express Truck, S.A. (ETSA)

**10:30 - 11:00 Networking break**

**11:00 - 11:30 Keynote Speaker 8**

*Victor McCree*

United States of America

Executive Director for Operations, U.S.  
Nuclear Regulatory Commission (USNRC)

**11:30 - 12:30 Topic 10. Security of  
Radioactive Sources**

The ineffective, interrupted or sporadic regulatory or management control of radioactive sources has led to serious accidents, malicious acts and the existence of orphan sources. Aware that the risks arising from such incidents must be minimized and protected against, this session will discuss national best practices

and lessons learned in the application of appropriate regulatory oversight and control.

Session Chairperson

*María Fernanda Sánchez*

Technical Director for Radiation  
Protection, Spanish Nuclear Safety  
Council (CSN)

Speakers:

**Preventing Illicit Trafficking for Radioactive  
Sources (Georgian Experience)**

*Vasil Gedevanishvili*

Georgia

Agency of Nuclear and Radiation Safety,  
Ministry of Environment and Natural  
Resources Protection of Georgia

**Security of radioactive sources in Iraq. A  
regulatory perspective**

*Mohammed Al-Janabi*

Iraq

Radioactive Source Security Authority

**Enhancing Coordination with**

**Preliminary steps to regulating the  
security of high-activity radioactive  
sources**

*Guillaume Belot / Thomas Languin*

France

Autorité de sûreté nucléaire (ASN) /

French Ministry of the Environment,  
Energy and the Sea

**12:30 - 13:00 Closure**

*Fernando Marti Scharfhausen*

Chairman of the Spanish Nuclear Safety  
Council (CSN)

*Stephen Burns*

Chairman of the U.S. Nuclear Regulatory  
Commission (USNRC)

**13:00 End of the Conference**