

Programme Overview

Day 1: Monday 12 December, 2016

11:00 –13:00	Registration at Gate 1 / Welcome Desk in Front of the Board Room A
12:30	Speakers of Day 1 in Chair's Briefing, Board Room A
13:00	Official Workshop Welcome
13:50	Standards
15:45	Coffee break
16:15	Panel Discussion
17:15	Demonstration of E-learning modules (Outside Board Room A)
17:30	Reception hosted by IAEA, M building

Day 2: Tuesday 13 December, 2016

08:15	Leadership, Management and Culture for Safety Speakers of Day 2 in Chair's Briefing, Board Room A
10:30	Coffee Break (Poster session)
10:45	Speakers of Session Day 2 ready in Board Room A
11:00	Session continued
13:00	Lunch
14:00	Interactive Working Groups
16:00	Coffee Break
16:15	IWG Rapporteurs' contributions ready for presentation
16:30	Feedback of Interactive Working Groups and Plenary Discussion
17:30	End of the Day

Day 3: Wednesday 14 December, 2016

08:15	Speakers of Day 3 in Chair's Briefing, Board Room A
08:30	Managing Risks, Project Risks, Risk Based/Informed Auditing and Grading Activities Questions & Answers
10:30	Coffee Break (Poster session)
10:45	Speakers of Session Day 3 ready in Board Room A
11:00	Session continued
13:00	Lunch
14:00	Interactive Working Groups
16:00	Coffee Break
16:15	IWG Rapporteurs' contributions ready for presentation in the main room
16:30	Feedback of Interactive Working Groups and Plenary Discussion
17:30	End of Day

Day 4 Thursday 15 December, 2016

08:15	Speakers of Day 4 (morning) in Chair's Briefing, Board Room A
08:30	Practices, Applications and Case Studies
10:20	Coffee Break (Poster session)
10:35	Speakers of Day 4 (all the rest) in Chair's Briefing, Board Room A
10:50	Session continued
12:30	Lunch
13:30	Session continued
15:05	Coffee Break
15:25	Workshop Closing Session
16:15	End of Workshop

Rooms will be indicated separately, participants are expected to enrol subject to availability of seats

Day 1: Monday 12 December, 2016

11:00 –13:00 Registration at Gate 1 / Welcome Desk in Front of the Board Room A

12:30 Speakers of Day 1 in Chair's Briefing, Board Room A

13:00 Official Workshop Welcome

Chair: Pal Vincze, IAEA/NPES/NENP

Co-Chair: Jan Van Looke, Belgoprocess & Chair of FORATOM's Management System Task Force

Speakers: Mikhail Chudakov, Deputy Director General, IAEA *Nuclear Energy– Opening address*
Bertrand De L'Epinois, President of FORATOM's General Assembly & Senior Vice President for Safety Standards at AREVA, France - *Opening address*

Pekka Pyy, Senior Expert, IAEA - *Practical Announcements*

Hui Zhao, MSN coordinator, IAEA, *Information about Management System Network (MSN)*

13:50 **Standards**

Chair: Pal Vincze, IAEA & Jan van Looke, Belgoprocess

Speakers: *GS-R Part II – Leadership and Management for Safety*
Helen Rycraft, Senior Safety Officer, IAEA

ASME NQA-1 (2015)

Roy H. Lebel, BNL, USA

ISO 9001 with insights on ISO14001 and 45001

Graham Watson, EDF Energy, UK & ISO TC 176

ISO 19443 - Quality Management systems - Specific Requirements for the Supply Chain of the Nuclear Energy Sector

Bertrand-Marie Nahon, AREVA, France & ISO TC 85 – WG5 leader

15:45 Coffee break

16:15 *Panel Discussion* facilitated by Susan Brissette, Bruce Power with the presenters and Mr. Oszvald Gloeckler, CEO Sunport

17:15 *Demonstration of E-learning modules (Outside Board Room A)*

17:30 Reception hosted by IAEA, M building



Day 2: Tuesday 13 December, 2016

08:15 Speakers of Day 2 in Chair's Briefing, Board Room A

Leadership, Management and Culture for Safety

08:30 Chair: Mamdouh El-Shanawany, Imperial College, UK & Helen Rycraft, IAEA

Speakers: *LeaD - Development of a Practical Tool to Support Developing Nuclear Leadership*
Pekka Pyy, IAEA & Jose Villadoniga, Technatom, Spain

Leadership for Safety – Management for Safety: What is the Difference?
Richard Barnes, ANRIC Enterprises Inc., Canada

Leadership for Safety – Experience from another Industry
Dounia Tazi, ICSI, France

Leadership and Management Review
Pierre Lahaie, CNSC, Canada

Questions & Answers

10:30 Coffee Break (Poster session)

10:45 Speakers of Session Day 2 ready in Board Room A

11:00 Session continued

Speakers: *Change towards a Safer Culture: Why Don't We Change Even Though We Know We Should?*
Géraldine Fizet, 8th Continent Consulting, France

Leadership within an Integrated Management System of the Regulatory Authority - Example VATESI
Ovidijus Sestokas, VATESI, Lithuania

Practical Considerations of Undertaking an Integrated Nuclear Safety and Security Culture Assessment
Susan Brissette, Bruce Power, Canada

Presentation of the concept for School of Leadership for Safety
Shahid Mallick & Maria Moracho, IAEA NSOC

Questions & Answers

Introduction to the Interactive Working Groups

13:00 Lunch

14:00 Interactive Working Groups*

Issue A1: *IAEA LeaD and Gap Analysis - What Would Benefit the Member States?*
Moderator: Pam R Duerden, Magnox Limited, UK

Issue A2: *Regulating Leadership*
Moderator: Pierre Lahaie, CNSC, Canada

Issue A3: *Assessing Leadership, How Exactly Can We Do This?*
Moderator: Jose Villadoniga, Technatom, Spain

Issue A4: *Organizational culture*
Moderator: Susan Brissette, Bruce Power, Canada

Issue A5: *Leadership and management of change,*
Moderator: Géraldine Fizet, 8th Continent Consulting, France

Issue A6: *How do we change/ How to affect people's behaviours*
Moderator: Monique Linger, EPZ, Netherlands

16:00 Coffee break

16:15 IWG Rapporteurs' contributions ready for presentation

16:30 Chair: Paivi Makinen, Fortum, Finland & Dave Drury, IAEA
Feedback of Interactive Working Groups and Plenary Discussion

17:30 *End of the Day*
Demonstration of NPHR capacity building tool (for those interested in knowing how much qualified resources you may need in your country for the NPP programme?) – Outside Board Room A

08:15 Speakers of Day 3 in Chair's Briefing, Board Room A

08:30 **Managing Risks, Project Risks, Risk Based/Informed Auditing and Grading Activities**

Chair: Oscar Mignone, Politecnico Milan, Italy & Paul Wong, CNSC, Canada

Speakers: *Risk Centralization Concept*
Pawel Lotko, PGE EJ1, Poland

The Need for a Holistic Approach to Address Future Emerging Risks.
Mamdouh El-Shanawany, Imperial College, UK & Paul Smith, Arup, UK

OPG's Implementation of Risk-Based Auditing
Herminia Roman, OPG Canada

Lessons Learned from Nuclear Refurbishment Projects
Fred Dermakar, CANDU Owners Group, Canada

Questions & Answers

10:30 **Coffee Break (Poster session)**
Demonstration of the IAEA Contracting toolkit (Outside Board Room A)

10:45 Speakers of Session Day 3 ready in Board Room A

11:00 Session continued

Speakers: *Integrated Management Systems Approach to Managing Performance and Risk*
Roy H. Lebel, BNL, USA

Emerging Supply Chain Risks Including CFSIs
John Moore, IAEA

Risk-Based Auditing
Peter Vermearcke, SCK-CEN, Belgium

Risk Management of Knowledge Loss in Nuclear Industry Organisations
Ashok Ganesan, IAEA NKM

Questions & Answers

Introduction to the Interactive Working Groups

13:00 **Lunch**

14:00 Interactive Working Groups*

Issue A1: *How to Integrate Corporate and Facility Level Risk Management*
Moderator: Pawel Lotko, PGE 1, Poland

Issue A2: *Emerging Risks – What to Do?*
Moderator: Mamdouh El-Shanawany, Imperial College, UK & Paul Smith, Arup, UK

Issue A3: *Risk Factors or Barriers that Lead to the Failure of Knowledge Management Implementation and its Application & Use*
Moderator: Ashok Ganesan, IAEA

Issue A4: *Risk-Base Informed and Compliance Based auditing*
Moderator: Herminia Roman, OPG, Canada

Issue A5: *Applying Graded Approach to Management System*
Moderator: Arie Boer, EPZ, Netherlands

Issue A6: *Supply Chain Risks and Their Management*
Moderator: Paul Wong, CNSC, Canada

16:00 **Coffee break**

16:15 IWG Rapporteurs' contributions ready for presentation in the main room

16:30 Chair: Roy Lebel, BNL, US & Hakob Malkhasyan, Worley Parsons, Bulgaria

Feedback of Interactive Working Groups and Plenary Discussion

17:30 End of Day (*with short info about the planned IAEA NENP activity on risk management in new NPP project preparation*)

Pre-dinner event (voluntary): Jan Blomgren, INBEX, Leading a nuclear business, simulation game

Day 4 : Thursday 15 December, 2016

08:15 Speakers of Day 4 (morning) in Chair's Briefing, Board Room A

08:30 **Practices, Applications and Case Studies**
Chair: Peter Vermearcke, SCK-CEN, Belgium & Jeannot Boogaard, SMBI-Consultancy, Netherlands

Speakers

Example of Regulations for Leadership for Safety
Ann-Mari Sunabacka-Starck, STUK, Finland

OPAL – the First Decade of Business Management System Operation
Derrick Blackmore, Australian Nuclear Science & Technology Organisation (ANSTO), Australia

Practices, Applications and Case Studies for the Modelling of Processes at ONDRAF/NIRAS
Veerle Stroobant, NIRAS/ONDRAF, Belgium

Independent Assessment in EDF Energy Nuclear Generation
Graham Watson, Independent Nuclear Assurance, EDF Energy Nuclear Generation, UK

Environmental Management System Integration into CNE Cernavoda Management System
Irina Florenta Marin, "Nuclearelectrica" National Company – Cernavoda NPP subsidiary, Romania

Discussion and Questions & Answers

10:20 Coffee Break (Poster Session)

10:35 Speakers of Day 4 (all the rest) in Chair's Briefing, Board Room A

10:50 Session continued

Towards a Global Industry Control of the Nuclear Supply Chain
Laurent Kueny, Bureau Veritas, France

Case Study: Management System Challenges Involved in Implementing a Decommissioning Project at IPEN-CNEN/SP
Paulo Lainetti, IPEN-CNEN/SP, Brazil

Basis for IMS Modelling and Planning System Creation in the New Nuclear Build Project
Dmitrij Pokidysev, Akkuyu Nuclear Joint Stock Company, Turkey

ENEC Management System
Ali AL-Suwaidi, ENEC, UAE

Discussion and Questions & Answers

12:30 Lunch

Day 4 : Thursday 15 December, 2016

13:30

Session continued

Experiences in Developing an Integrated Management System at the JM-1 Research Reactor Facility

Tracey Ann Warner, University of the West Indies, Mona, Jamaica

Effects of Safety Policies, Committees and Equipment on Nuclear Organization's Safety Performance Using Structural Equation Modelling.

Serene Mukattash, Energy and Minerals Regulatory Commission, Jordan

Organizational Change Management & Employee Engagement

Tomas Liukaitis, Ignalina NPP, Lithuania

Communication - it is a Key of Safety Culture.

Hirohisa Matsuyama, MHI, Japan

Discussion and Questions & Answers

15:05

Coffee Break

15:25

Workshop Closing Session

Pekka Pyy, Senior Expert, Organization & Management Systems, IAEA

Jan Van Looke, Head of Integrated Management System at Belgoprocess & Chair, FORATOM Management System Task Force, Belgium

Presentation about the 15th MSTF Workshop, Toronto, Canada

Susan Brissette, Bruce Power, Canada

16:15

End of Workshop

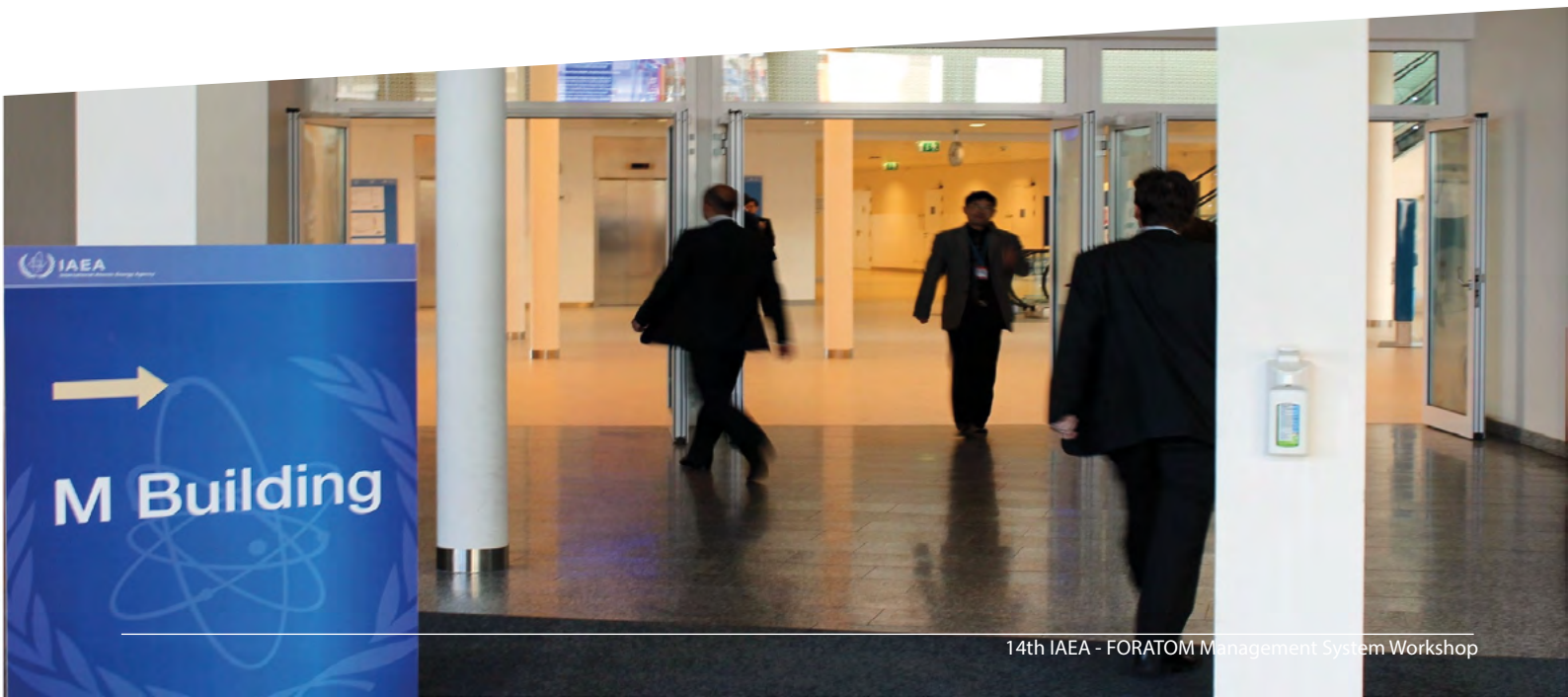
Posters session

All other participants, not figuring on the programme and having expressed that they are willing to make a contribution to the WS are counted in to present a poster.

Contributed Posters

All the posters will be displayed for the full duration of the conference outside of Board Room A in the M-Building. Authors are asked to be available at their posters for discussion with interested participants during the indicated coffee breaks:

1. 10:30 on Day 2
2. 10:30 on Day 3
3. 10:20 on Day 4



Emilia Janisz	Belgium	FORATOM 2 roll-ups
Galya Nikolova	Bulgaria	Management of Processes and Activities
Pierre Lahaie	Canada	Management systems and standards in the nuclear industry
Susan Brissette	Canada	Poster of the 15th MS WS in Canada
Paul Wong	Canada	Supply Chain Risks and Their Management
Herman Zarate Segovia	Chile	ISO 9001 at Chilean Nuclear Energy Commission
Bo Xie	China	Introduction of Practices of CNNC Matrix Management System
Magdy Mahmoud Zaky Abdelaal	Egypt	Management System of ETRR-2
Christian Spletter	Germany	ASME Europe poster
Karine Krmoian	Germany	Change management and communication GRS experience with IMS: considering the IAEA and ISO9001-2015 requirements
Annamária Sandor	Hungary	Regulatory Oversight of Management System in Hungarian Nuclear Facilities
Kutuvan Jayarajan	India	Management of Safety and Regulation in Nuclear Research Centers
Baskan Hanurajie	Indonesia	Indonesia Nuclear Energy Agency on Management System Set Up and Development
Hamid Bahramzadeh	Iran	IMS Establishment in Iran Radioactive Waste Management Co. (IRWA)
Kunimichi Watanabe	Japan	True integrated management system by analyzing Fukushima Accident
Fabian Mendez	Mexico	Strengthening of the Safety Culture in Mexico
Antonio Hernandez Maldonado	Mexico	Practical Examples of Management Systems for Oversight Safety Culture in both Mexican Regulatory Body and Laguna Verde NPP
Mohammad Ilyas	Pakistan	Safety Culture Self-Assessment – PNRA Example
Constantin Mirel Grigoras-Benescu	Romania	Quality Management Requirements Role within the Integrated Management System
Pongkrit Siripiom	Thailand	Implementation of Management System in Regulatory Body
Paul Smith	UK	The need for a holistic approach to address future emerging risks Quantitative analysing holistic risk and testing the accident coping strategies