

# **International Conference on Effective Nuclear and Radiation Regulatory Systems:**

**Preparing for the Future in Rapidly Changing  
Environment**

13-16 February 2023

## **PROGRAMME**

Organized by the  
International Atomic Energy Agency (IAEA)  
Hosted by the  
Government of the United Arab Emirates

Abu Dhabi, United Arab Emirates

## Programme Committee:

C. Hanson, United States of America (Conference President)  
C. Viktorsson, United Arab Emirates (Conference Vice-President)  
C. Dominguez, Argentina  
J. Scott, Australia  
A. Facure, Brazil  
J. Yu, China  
L. Chaniel, France  
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R. El Gamoussi, Morocco  
M. Rahman, Pakistan  
I. Sokolova, Russian Federation  
M. Tall, Senegal  
I. Villanueva, Spain  
A. Törner, Sweden  
S. Al Hashimi, United Arab Emirates  
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S. Mallick, IAEA  
M. Moracho, IAEA  
H. Mansoux, IAEA  
F. Stephani, IAEA  
H. Looney, IAEA  
K. Alm-Lytz, IAEA  
M. Añez, IAEA  
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Event Organizer:	T. Danaher, MTCD
Intern:	M. Lasheen, NS

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**Location of the Event:** Conrad Hotel Abu Dhabi  
Etihad Towers

**Working Language:** English

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**Resolutions:**

No resolutions may be submitted for consideration on any subject; no votes will be taken.

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# IAEA Mobile Conference Application



Participants are encouraged to download the “IAEA Conference and Meetings” App available on Google Play and the iTunes Store.

## Android



## iPhone



The functions and features of the App for smartphones and tablets will be used for various purposes during the event:



View an up-to-date programme



Check floor map of the sessions and exhibitors



Read abstracts and full-papers of speakers



Participate in voting during sessions



Raise questions to speakers during session



Send message to other participants



Receive announcements via push-notification

If you have questions or require assistance on the App, please contact the Registration Desk.

## TIMETABLE

### Sunday, 12 February 2023

Time	Session No.	Session Title / Break
16:00–20:00		On-Site Registration
18:00–20:00		Welcome Reception

### Monday, 13 February 2023

Time	Session No.	Session Title / Break
As of 08:00		On-Site Registration
09:00–09:40		Opening Session
09:40–10:45		Keynote Panel
10:45–11:15		<i>Break and Poster Viewing Session</i>
11:15–12:45	1	Leadership through New and Emerging Challenges
12:45–14:00		<i>Lunch Break</i>
14:00–15:00	1	Panel Discussion: Leadership through New and Emerging Challenges
15:00–15:30		<i>Break, Poster Viewing Session and Side Presentation</i>
15:30–16:30	1	Side Event “Youth Panel: Young Professionals Competition”
16:30–17:00		Plenary Session

### Tuesday, 14 February 2023

Time	Session No.	Session Title / Break
09:00–09:15		Opening and Welcome
09:15–10:45		Special Panel – Regulating a Modern Era of Medical and Radioactive Materials Facilities and Applications - The Journey Continues
10:45–11:15		<i>Break, Poster Viewing Session and Side Presentation</i>
11:15–12:45	2	Harmonization, Innovation, and New Technologies: Approaches to Enhance Regulatory Agility
12:45–14:00		<i>Lunch Break</i>
14:00–15:00	2	Panel Discussion: Harmonization, Innovation, and New Technologies: Approaches to Enhance Regulatory Agility
15:00–15:30		<i>Break and Poster Viewing Session</i>
15:30–16:30	2	Side Event “Regulatory Consideration of Climate Change Challenges to Nuclear Installation Safety”

Time	Session No.	Session Title / Break
16:30–17:00		Plenary Session

### Wednesday, 15 February 2023

Time	Session No.	Session Title / Break
09:00–09:15		Opening and welcome
09:15–10:45	3	Full Lifecycle Challenges and Strategies
10:45–11:15		<i>Break, Poster Viewing Session and Side Presentation</i>
11:15–12:15	3	Panel Discussion: Full Lifecycle Challenges and Strategies
12:15–13:30		<i>Lunch Break</i>
13:30–15:00	4	Trusted Regulator: Cooperative Techniques to Promote Credibility and Resilience
15:00–15:30		<i>Break and Poster Viewing Session</i>
15:30–16:30	4	Panel Discussion: Trusted Regulator: Cooperative Techniques to Promote Credibility and Resilience
16:30–17:00		Plenary Session

### Thursday, 16 February 2023

Time	Session No.	Session Title / Break
09:00–09:15		Opening and welcome
09:15–10:45	5	Capacity Building for the Future–Holistic Approaches for Nuclear and Radiation Safety and Security
10:45–11:15		<i>Break and Side Presentation</i>
11:15–12:15	5	Panel Discussion: Capacity Building for the Future–Holistic Approaches for Nuclear and Radiation Safety and Security
12:15–12:45		<i>Break</i>
12:45–13:30		Closing Session

### Friday, 17 February 2023

Time	Session No.	Session Title / Break
07:00–16:00		<b>Technical Visit</b> Barakah Nuclear Power Plant

## SUNDAY, 12 FEBRUARY 2023

16:00-20:00 On-Site Registration

18:00-20:00 Welcome Reception

## MONDAY, 13 February 2023

As of 08:00 On-Site Registration

09:00-09:40 OPENING SESSION

Time	Name	Designating Member State/Organization	Title of presentation
09:00-09:10	<b>L. Evrard</b>	Deputy Director General and Head of the Department of Nuclear Safety and Security, IAEA	Welcome Address
09:10-09:20	<b>HE Ambassador H. AlKaabi</b>	Permanent Representative of the UAE to the IAEA	Welcome Address
09:20-09:30	<b>C. Hanson</b>	Conference President, United States of America	Welcome Address
09:30-09:40	<b>J. Scott</b>	Head of the Regulatory Services Branch, Australian Radiation Protection and Nuclear Safety Agency	Nuclear and Radiation Regulatory Updates since the last Conference

09:40-10:45 KEYNOTE PANEL

Chairperson: **C. Hanson, United States of America**

Time	Name	Designating Member State/Organization	Title of presentation
09:40-09:50	<b>HE Ms Al Mheiri</b>	United Arab Emirates	Keynote Address
09:50-10:00	<b>R. Velshi</b>	Canada	Keynote Address
10:00-10:10	<b>O. Gupta</b>	France	Keynote Address
10:10-10:20	<b>K. Aleissa</b>	Saudi Arabia	Keynote Address
10:20-10:45	<b>Panel Discussion with Keynote Speakers</b>		
10:45-11:15	<i>Break and Poster Viewing Session</i>		

11:15-12:45 **SESSION 1**  
**Leadership through New and Emerging Challenges**

Chairpersons: **M. Ziakova, Slovakia**  
**R. Bosch Robaina, Cuba**

Time	Name	Designating Member State/Organization	Title of presentation
11:20–11:30	<b>R. Pacheco</b>	IAEA	Impact of COVID-19 Pandemic on the Regulatory Activities for the Safety of Radiation Sources
11:30–11:40	<b>O. Korikov</b>	Ukraine	The Military Aggression against Ukraine: Nuclear and Radiological Risks and Threats, Regulatory Challenges and Lessons Learned
11:40–11:50	<b>F. Mansoor</b>	Pakistan	Expect the Unexpected
11:50–12:00	<b>A. Veil</b>	United States of America	Addressing Emerging Challenges and Becoming a Modern Regulator
12:00–12:10	<b>J. Panek</b>	European Commission	Resilience and preparedness in the European nuclear sector in face of unprecedented challenges
12:10–12:45	<b>Question and Answer</b>		
12:45–14:00	<i>Lunch Break</i>		
14:00–15:00	<b>PANEL DISCUSSION 1 Leadership through New and Emerging Challenges</b>		
<b>Moderator:</b>	<b>M. Foy, United Kingdom</b>		
<b>Panellists:</b>	<b>P. Tiippana, Finland J. C. Lentijo, Spain T. Fuketa, Japan L. Huerta, Chile</b>		
15:00–15:30	<i>Break, Poster Viewing Session and Side Presentation</i>		
15:30–16:30	<b>SIDE EVENT Youth Panel: Young Professionals Competition</b>		
<b>Moderator:</b>	<b>R. Al Zaabi, United Arab Emirates</b>		



Name	Designating Member State/Organization	Title of presentation
<b>L. Martiri</b>	Argentina	Dynamic Application of a Systematic Graded Approach for the Development of a Regulatory Inspection Plan
<b>M. Hussain M. Umer M. Furqan</b>	Pakistan	Climate-Smart Regulations to Enhance Safety of Nuclear Installations
<b>A. Al Qubaisi K. Alawadhi F. Almheiri F. Al Hammadi</b>	United Arab Emirates	Nuclear Ferris Wheel
<b>J. Gorman</b>	United Kingdom	A Proposed Learning Platform to Encourage Nuclear Employment
<b>S. Garza Z. St Hillaire</b>	United States of America	Nuclear Regulator Apprenticeship Network
<b>C. Viktorsson</b>	United Arab Emirates	Award-giving

**16:30–17:00**    **PLENARY SESSION**  
**Summary of the Day and Lessons Learned**

**Chairperson:**    **C. Hanson, Conference President**

**Panellists**        **M. Ziakova, Slovakia**  
**R. Bosch Robaina, Cuba**  
**M. Foy, United Kingdom**  
**R. Al Zaabi, United Arab Emirates**

## TUESDAY, 14 FEBRUARY 2023

**09:00–09:15**     **OPENING AND WELCOME:**  
*Speaker: C. Hanson, Conference President*

**09:15–10:00**     **SPECIAL PANEL 1**  
**Regulating a Modern Era of Medical and Radioactive Materials Facilities and Applications – The Journey Continues**

**Chairperson:**     **C. Hanson, United States of America**

**Panellists**         **H. Mansoux, IAEA**  
**G. Pina, France**  
**S. Getachew, Ethiopia**  
**A. Al Shehhi, United Arab Emirates**

**10:00–10:45**     **SPECIAL PANEL 2**  
**Regulating a Modern Era of Medical and Radioactive Materials Facilities and Applications – The Journey Continues**

**Chairperson:**     **S. Burns, United States of America**

**Panellists**         **Z. Tahiri, Morocco**  
**M. Di Giorgio, Argentina**  
**V. Gedevanishvili, Georgia**  
**M. Brugmans, Netherlands**

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*10:45–11:15*     *Break, Poster Viewing Session and Side Presentation*

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**11:15–12:45**     **SESSION 2**  
**Harmonization, Innovation and New Technologies: Approaches to Enhance Regulatory Agility**

**Chairpersons:**     **S. Lim, Republic of Korea**  
**F. Mansoor, Pakistan**

Time	Name	Designating Member State/Organization	Title of presentation
11:20–11:30	<b>A. Bradford</b>	IAEA	IAEA's Activities to Promote Agility
11:30–11:40	<b>S. Bilbao y Leon</b>	World Nuclear Association	Delivering nuclear at scale and speed needs Harmonization
11:40–11:50	<b>A. Ferapontov</b>	Russian Federation	Specifics in Safety Regulation of Innovative Designs in the Russian Federation
11:50–12:00	<b>L. Hu</b>	China	Tackle the Challenges of Safety Review on the Innovative Technologies

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*12:10–12:45*     **Question and Answer**

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*12:45–14:00*     *Lunch Break*

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**14:00–15:00**      **PANEL DISCUSSION 2**  
**Harmonization, Innovation and New Technologies: Approaches to**  
**Enhance Regulatory Agility**

**Moderator:**      **A. Bradford, IAEA**

**Panellists:**      **R. Jammal, Canada**  
**D. Dorman, United States of America**  
**S. Al Saadi, United Arab Emirates**  
**D. Kgomo, South Africa**

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*15:00–15:30*      *Break and Poster Viewing Session*

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**15:30–16:30**      **SIDE EVENT**  
**Regulatory Consideration of Climate Change Challenges to Nuclear**  
**Installation Safety**

**Moderator:**      **P. Contri, IAEA**

**Panellists:**      **R. Kotamarthi, United States of America**  
**M. Fabian Mendoza, Canada**  
**M. Kim, Republic of Korea**  
**C. Pinel, France**

**16:30–17:00**      **PLENARY SESSION**  
**Summary of the Day and Lessons Learned**

**Chairperson:**      **C. Hanson, Conference President**

**Panellists**      **S. Burns, United States of America**  
**S. Lim, Republic of Korea**  
**F. Mansoor, Pakistan**  
**A. Bradford, IAEA**  
**P. Contri, IAEA**

## WEDNESDAY, 15 FEBRUARY 2023

**09:00–09:15**     **OPENING AND WELCOME**  
*Speaker: C. Hanson, Conference President*

**09:15–10:45**     **SESSION 3**  
**Full Lifecycle Challenges and Strategies**

**Chairpersons:**   **C. Eibl-Schwaeger, Germany**  
                          **A. Glowacki, Poland**

Time	Name	Designating Member State/Organization	Title of Presentation
09:20–09:30	<b>S. Alamoudi</b>	Saudi Arabia	Achieving Regulatory Effectiveness through National and Regional Collaborative Cooperation and Partnership
09:30–09:40	<b>N. Cromnier</b>	Sweden	Legal and regulatory frameworks supporting implementation of geological disposal in Sweden
09:40–09:50	<b>D. Lukauskas</b>	Lithuania	Decommissioning and waste management of Ignalina NPP
09:50–10:00	<b>L. Valentino</b>	Argentina	Regulatory Verification of Supply Chain for Facilities: A growing challenge
10:00–10:10	<b>H. Looney</b>	IAEA	Cradle to Grave Nuclear Security: Challenges and Opportunities
10:10–10:45	<b>Question and Answer</b>		
10:45–11:15	<i>Break, Poster Viewing Session and Side Presentation</i>		

**11:15–12:15**     **PANEL DISCUSSION 3**  
**Full Lifecycle Challenges and Strategies**

**Moderator:**     **J. Chipuru, Zimbabwe**

**Panellists:**     **S. Alten, Türkiye**  
                          **M. Rueffer, Germany**  
                          **S. Harikumar, India**  
                          **M. Brugmans, Netherlands**

**13:30–15:00**     **SESSION 4**  
**Trusted Regulator: Cooperative Techniques to Promote Credibility and Resilience**

**Chairpersons:**   **J. L. Lachaume, France**  
                          **S. Al Hashimi, United Arab Emirates**

Time	Name	Designating Member State/Organization	Title of Presentation
13:35–13:45	<b>M. Foy</b>	United Kingdom	Establishing trust as a regulator
13:45–13:55	<b>Y. Hah</b>	Republic of Korea	Stakeholder Involvement: Building a Trusted Relationship between a regulator and its stakeholders
13:55–14:05	<b>F. A. Ollite</b>	Mauritius	The Regulator: Building Trust through an Effective Communication of its Regulatory Processes
14:05–14:15	<b>E. Ampomah-Amoako</b>	Ghana	International and Regional Cooperation Efforts of the Nuclear Regulatory Authority, Ghana
14:15–14:25	<b>O. Lugovskaya</b>	Belarus	Trusted Regulator: Experience of the Republic of Belarus
14:25–15:00	<b><i>Question and Answer</i></b>		
15:00–15:30	<b><i>Break and Poster Viewing Session</i></b>		
<b>15:30–16:30</b>	<b>PANEL DISCUSSION 4</b>		
	<b>Trusted Regulator: Cooperative Techniques to Promote Credibility and Resilience</b>		
<b>Moderators:</b>	<b>H. Mansoux, IAEA</b> <b>K. Alm-Lytz, IAEA</b>		
<b>Panellists:</b>	<b>G. Gonzalez, Uruguay</b> <b>D. Castelveter, United States of America</b> <b>R M Stasiūnaitienė, Lithuania</b> <b>D. Kgomo, South Africa</b>		
<b>16:30–17:00</b>	<b>PLENARY SESSION</b>		
	<b>Summary of the Day and Lessons Learned</b>		
<b>Chairperson:</b>	<b>C. Hanson, Conference President</b>		
<b>Panellists</b>	<b>C. Eibl-Schwaeger, Germany</b> <b>A. Glowacki, Poland</b> <b>J.L. Lachaume, France</b> <b>S. Al Hashimi, United Arab Emirates</b> <b>J. Chipuru, Zimbabwe</b> <b>H. Mansoux, IAEA</b>		

## THURSDAY, 16 FEBRUARY 2023

**09:00–09:15**     **OPENING AND WELCOME**  
*Speaker: C. Hanson, Conference President*

**09:15–10:45**     **SESSION 5:**  
**Capacity Building for the Future – Holistic Approaches for Nuclear and Radiation Safety and Security**

**Chairpersons:**   **N. A. Boye Faye, Senegal**  
                          **J. Scott, Australia**

Time	Name	Designating Member State/Organization	Title of Presentation
09:20–09:30	<b>R. Hammad</b>	Pakistan	Holistic Approach to regulatory capacity building for the future at PNRA
09:30–09:40	<b>M. Ermacora</b>	Argentina	Devising a Programme for Competence Acquisition and Development among Radiological and Nuclear Regulators
09:40–09:50	<b>N. Inoue</b>	Japan	Capacity Building Support Activities for Nuclear Security by ISCN/JAEA
09:50–10:00	<b>S. Soliman</b>	Egypt	ENRRA Practice in Building the Capacity and Managing the Knowledge
10:00–10:10	<b>M. Kenzelmann</b>	Switzerland	ENSI's Approach to Capacity Building
10:10–10:45	<b><i>Question and Answer</i></b>		
10:45–11:15	<b><i>Break and Side Presentation</i></b>		

**11:15–12:15**     **PANEL DISCUSSION 5:**  
**Capacity Building for the Future – Holistic Approaches for Nuclear and Radiation Safety and Security**

**Moderator:**     **A. de los Reyes, Spain**

**Panellists:**     **A. Glowacki, Poland**  
                          **M. Di Giorgio, Argentina**  
                          **P. Lucio, Spain**  
                          **S. Abdulrazak, IAEA**

12:15–12:45     *Break*

**12:45–13:30**     **CLOSING SESSION**

Time	Name	Designating Member State/Organization	Title
12:45–13:10	<b>C. Hanson</b>	Conference President, United States of America	Conclusions, Recommendations, and Summary
13:10–13:20	<b>HE Ambassador H. AlKaabi</b>	Permanent Representative of the UAE to the IAEA	Closing Remarks
13:20–13:30	<b>S. Mallick</b>	IAEA	Closing Remarks

## Poster Viewing Session

All posters will be displayed during the breaks from Monday 13 February to Wednesday 15 February in the Poster Area next to the Conference Room.

Authors are requested to be present at their posters during the breaks for discussion with interested participants.

### MONDAY, 13 February 2023

Paper No.	Author(s) [presenting author in bold]	Designating Member State/Organization	Title of Paper
1	<b>N. Al-Tameemi</b>	Iraq	Evaluation of the Effectiveness of the Regulatory Framework for Radiation Safety and Security in Iraq
12	<b>C. Salata</b>	Brazil	Development of a methodology based on graded approach for preparing an inspection programme in the Brazilian nuclear authority
22	<b>D. Bokov</b>	Russian Federation	Revision of physical protection requirements to take into account experience of decommission and construction activities at existing nuclear facility
24	<b>D. Lobach</b>	Belarus	Adaptability of technologies for regulation and analysis of nuclear and radiation safety in Belarus
25	<b>B. Dias Rodrigues</b>	Brazil	Brazil's experience regarding the exceptional authorization to perform outdoor therapy with activities over 1850 MBQ during the Covid-19 Pandemic
32	<b>Z. Tahiri</b>	Morocco	Maintaining an Effective Regulatory Oversight during the Covid-19 Pandemic: Morocco's Experience and Lessons Learned
40	<b>K. Pakdee</b>	Thailand	Business Continuity Plan for Nuclear and Radiation Safety Regulation Training during the Covid-19 Pandemic
45	<b>V. Piplani</b>	India	Guidance for Application of Graded Approach in Regulation of Facilities and Activities
49	<b>N. Salnikova</b>	Russian Federation	Licensing scenarios for transportable nuclear modules: the case of floating nuclear modules, risks and opportunities from the industry perspective
82	<b>A. Haseeb</b>	Pakistan	Adaptive Strategy for Effective Regulatory Oversight of Nuclear Installations and Radiation Facilities during the Covid-19 Pandemic



Paper No.	Author(s) [presenting author in bold]	Designating Member State/Organization	Title of Paper
89	<b>C. Guembou Shouop</b>	Cameroon	Cameroon YGN response strategies to unexpected challenges and lessons learned
102	<b>B. Kaboro</b>	Kenya	Use of Criteria-Based Assessment Tool to Assess the Implementation of the Amendment to the Convention on Physical Protection of Nuclear Material in Kenya
103	<b>M. Azfar Ramli</b>	Brunei Darussalam	Impact of Covid-19 Pandemic to the Regulatory Activities on Radiation Protection and Security of Radioactive Material in Brunei Darussalam: Adaptability and Resilience
129	<b>T. Riekert</b>	Germany	The regulatory challenges of licensing innovation in the nuclear industry and how these may be resolved
133	<b>L. Martiri</b>	Argentina	Implementation of a Graded Hybrid Inspection and Personnel Licensing Plan by the Argentine Regulatory Body during the Covid-19 Pandemic and Beyond
166	<b>M. Sheikh</b>	United Arab Emirates	Progress in the UAE's Nuclear Power Program: FANR Activities during the Novel Coronavirus COVID-19
171	<b>Z. Othman</b>	Malaysia	Application of Decision Support System (DSS), JAVA-Based Real-time Online Decision Support in Radiological or Nuclear Emergency Preparedness and Response - A Malaysian Context
178	<b>I. Mayida</b>	Zimbabwe	Self-regulation programs in improving regulatory infrastructure in Zimbabwe
180	<b>H. Alsenaani</b>	United Arab Emirates	Potential Climate Change Effects on the Safety of Nuclear Power Plant
185	<b>R. Ibrahim</b>	Nigeria	Enhancing Regulatory Capacity for the Future of Nuclear Technology
186	<b>J. Villafañe</b> <b>Z. Abulawi</b>	Argentina Jordan	The impact of climate change on the effectiveness of regulatory bodies and possible solutions
187	<b>V. Manana</b> <b>G. Nyalunga</b> P. Mashamaite L. Nogxina G. van der Merwe	South Africa	Effective and adaptive applications of communication and outreach tools to improve regulatory relations with stakeholders

Paper No.	Author(s) [presenting author in bold]	Designating Member State/Organization	Title of Paper
188	<b>A. Lee</b> <b>A. Valiaveedu</b> D. Burgess	United States of America	Regulatory Effectiveness in an Increased Use of Digitalization and Innovative Technologies

## TUESDAY, 14 February 2023

Paper No.	Author(s) [presenting author in bold]	Designating Member State/Organization	Title of Paper
4	<b>N. Deen Bello</b>	Nigeria	Challenges in Licensing the First Nuclear Power Plants in Nigeria
28	<b>H. Bani Naser</b>	Jordan	Building trust with stakeholders and the public during the regulatory process in Jordan
39	<b>P. Ampornrat</b>	Thailand	Cooperative Techniques on Construction Licensing of an MNSR Research Reactor in Thailand
44	<b>A. Mowitz</b>	Sweden	Experiences and continued work - new regulatory code for nuclear safety and nuclear security in Sweden
46	<b>V. Piplani</b>	India	Development of Methodology for Safety Performance Assessment of Operating Nuclear Power Plants
53	<b>D. Bokov</b> M. Ivanov	Russian Federation	Regulatory Experience of Rostekhnadzor during the Covid-19 Pandemic
58	<b>C. Gamulani</b>	Malawi	Malawi's Experience in Stakeholders and Public Engagement in Implementation of Radiation Safety and Security
67	<b>C. Guembou Shouop</b> A. Simo	Cameroon	Effectiveness of Radiation Regulatory Body: Case Study of Cameroon
68	<b>J. Scott</b>	Australia	Regulatory oversight of the OPAL research reactor In-Service Inspection (ISI) programme
71	<b>S. Sudprasert</b>	Thailand	Living Inspection Program for Ageing Research Reactor
73	<b>N. Hossain</b>	Bangladesh	Regulatory Aspects of Establishing Cyclotron Facilities in Bangladesh
78	<b>K. Mubiru</b>	Uganda	Multi-Objective Lifecycle Budget Allocation for Nuclear Supply Chain Management
84	<b>M. Kostor</b>	Malaysia	Enhancing regulatory compliance through "Licensing Clinic"
86	<b>D. Ojha</b>	India	Development and Implementation of Regulations for Emergency Preparedness and Response Programme
88	<b>T. Teng</b>	Malaysia	Regulatory framework and infrastructure for Naturally Occurring Radioactive Materials (NORM) milling facility

Paper No.	Author(s) [presenting author in bold]	Designating Member State/Organization	Title of Paper
90	<b>C. Guembou Shouop</b>	Cameroon	Sustainable capacity-building strategies to prepare the next generation of regulatory professionals: NRPA experience
93	<b>S. Kassimi</b>	France	ASN's supervision of decommissioning challenges and progress in France
96	<b>K. Melikova</b>	Azerbaijan	State radioactive materials accounting and control system in the Republic of Azerbaijan
98	<b>N. Nawwar</b>	Egypt	Response and Defensive Strategy Based on Contingency Plan for Radiation Facilities
101	<b>I. Annisa</b>	Indonesia	The Role of International and Regional Cooperation as a Cooperative Solution in Enhancing the Regulatory System: BAPETEN's Experiences
112	<b>A. Ibrahim</b>	Nigeria	National strategy for communicating and responding to nuclear and radiological emergencies to the Nigerian public
141	<b>A. Alremeithi</b>	United Arab Emirates	FANR Regulatory Approach in Managing the Disused Radioactive Sources (DSRS) – The United Arab Emirates (UAE) Approach
159	<b>J. Šošková</b>	Czech Republic	New TSO organization and its mission, competences, and challenges in the Czech Republic

## WEDNESDAY, 15 February 2023

Paper No.	Author(s) [presenting author in bold]	Designating Member State/Organization	Title of Paper
6	<b>J. Otoo</b>	Ghana	Technical Service Organization (TSO) Services of the Radiation Protection Institute (RPI)
7	<b>A. Ibrahim</b>	Nigeria	Regulatory approaches to nuclear power projects for safety, security and sustainability of nuclear energy in Nigeria
9	<b>C. Tuğrul Zeyrek</b>	Türkiye	The Importance and Implementation of Education and Training Activities in New Scope of Regulatory Framework and Infrastructure for Nuclear and Radiation Facilities in Türkiye
13	<b>C. Salata</b>	Brazil	Licensing of medicine veterinary facilities – a challenge
33	<b>Z. Tahiri</b>	Morocco	New technologies in radiation therapy: ensuring patient safety
60	<b>A. Shadiq</b>	Indonesia	The Role of SIMPATIK Information System in Strengthening the International Cooperation and Regulatory Framework of BAPETEN through the Mapping of Human Resources Capacity Building in the field of Nuclear and Radiation Safety
75	<b>N. Mughal</b>	Pakistan	Capacity Building for the Future: Preparing and Empowering a New Generation of Leadership in PNRA
79	<b>A. Shaukat</b>	Pakistan	PNRA's Strategy for Safety Knowledge Management and Transfer to Next Generation
92	<b>W. Chafi</b>	Morocco	Developing capacity building in nuclear and radiological safety and security: the Moroccan case
97	<b>F. Razuck</b>	Brazil	The process of implementing knowledge management in the institute of radiological protection and dosimetry: actions and perspectives
123	<b>J. Koh</b>	Brunei Darussalam	Radiation regulatory infrastructure in Brunei Darussalam as newcomer perspective: challenges, and way forward
125	<b>I. Waweru Mundia</b>	Kenya	Regulatory Challenges in the medical practices in Kenya

Paper No.	Author(s) [presenting author in bold]	Designating Member State/Organization	Title of Paper
132	<b>M. Firdaus</b>	Brunei Darussalam	Holistic approach programmes to align regulatory needs as newcomer country: opportunities and challenges in nuclear safety, and security
138	<b>M. Haji Sarbini</b>	Brunei Darussalam	A graded approach to the nation's radiological emergency preparedness and response as a newcomer's country: Brunei Darussalam perspective
146	<b>W. Isaacs</b>	United Arab Emirates	FANR's Capacity Development Programme - building the technical competencies of young Emiratis in the nuclear, radiation and legal fields
151	<b>N. Rabani</b>	Malaysia	Applying Quality Management Systems (QMS) for Ensuring Credibility and Integrity of Regulatory Body- Experience in Malaysia
154	<b>M. Ab. Rahim</b>	Malaysia	Development of Assets Life Cycle Management (LCM) Program in Sustaining Regulatory Functions in Malaysia
156	<b>M. Al Mheiri</b>	United Arab Emirates	Regulatory Effectiveness and Lessons Learned for First Refueling Outage of Barakah NPP Unit 1- United Arab Emirates
160	<b>E. Puska</b>	Finland	National Research Programmes as effective means to build, sustain and transfer capacities and capabilities in nuclear power plant safety and waste management in Finland
174	<b>S. Adu</b>	Ghana	Enhancing safety and security culture of regulatory authority: Ghana Perspective
179	<b>H. Alsenaani</b>	United Arab Emirates	Approaches to build trust with a nuclear regulator – The UAE Experience
184	<b>H. Janžekovič</b>	Slovenia	Building Trust through Inspection Programme

## Side Presentations

All Side Presentations will take place during the morning breaks (except on Monday 13 February).

Date	Name	Designating Member State/Organization	Title of presentation
Monday, 13 February	<b>C. O'Connor</b>	Ireland	Development and Implementation of a Risk-Based, Outcomes Focussed Regulatory Strategy
Tuesday, 14 February	<b>P. Patil</b>	India	Safety/Security Interface and Maintaining Safety and Security Culture in Nuclear and Radiation Facilities
Wednesday, 15 February	<b>M. Sneve</b>	Norway	Interfacing National, Bilateral and Regional Activities with International Programmes: Promoting Credibility and Resilience in Regulatory Processes
Thursday, 16 February	<b>T. Zhunussova</b>	Norway	Stakeholders' involvement in Capacity Building in Central Asia's Nuclear and Radiation Safety and Security Regulatory Framework

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[Milestones in the Development of National Infrastructure for the Uranium Production Cycle | IAEA](#)

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**17-21 April, Vienna, Austria**

International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle: Innovation for Sustaining Future Resources and Production (URAM-2023) (CN-311)  
**8-12 May, Vienna, Austria**

International Conference on Nuclear Decommissioning: Addressing the Past and Ensuring the Future (CN-312)  
**15-19 May, Vienna, Austria**

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**19-23 June, Vienna, Austria**

International Symposium on Isotope Hydrology (CN-320)  
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Second International Conference on Climate Change and the Role of Nuclear Power (CN-315)  
**9-13 October, Vienna, Austria**

29th IAEA Fusion Energy Conference (CN-316)  
**16-21 October, London, United Kingdom**

International Conference on Waste and Environmental Safety: Integrated Approach to Strengthening Sustainable Development (CN-318)  
**6-10 November, Vienna, Austria**

International Conference on Research Reactors: Achievements, Experience and the Way to a Sustainable Future (CN-319)  
**27-30 November, Dead Sea, Jordan**

### **2024**

International Conference on Enhancing Operational Safety of Nuclear Power Plants (CN-284)  
**15 – 19 April 2024, Beijing, China**

International Conference on Nuclear Security ICONS 2024 (CN-321)  
**20 – 24 May 2024, Vienna, Austria**

International Symposium on Food Safety and Quality Assurance (CN-322)  
**27 – 31 May 2024, Vienna, Austria**

International Conference on the Management of Spent Fuel from Nuclear Power Reactors (CN-323)  
**10 – 14 June 2024, Vienna, Austria**

International Conference on Nuclear Knowledge Management and Human Resources Development: Challenges and Opportunities (CN-324)  
**2 – 5 July 2024, TBA**

International Conference on Hybrid Imaging (IPET 2024) (CN-326)  
**7 – 11 October 2024, Vienna, Austria**

International Conference on Small Modular Reactors and their Applications (CN-327)  
**28 – 31 October 2024, Vienna, Austria**

Ministerial Conference on Nuclear Science and Technology for Development (CN-328)  
**12 – 14 November 2024, Vienna, Austria**

International Conference on Challenges Faced by Technical and Scientific Support Organizations (TSO) in Enhancing Nuclear Safety and Security: Enhancing science and adaptability in a changing world and creating perspective for a young generation (CN-329)  
**2 – 6 December 2024, TBA**

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