

International Conference on Human Resource Development for Nuclear Power Programmes: Building and Sustaining Capacity

Strategies for Education and Training,
Networking and Knowledge Management

12–16 May 2014, Vienna, Austria

PROGRAMME



Organized by the



IAEA

International Atomic Energy Agency

CN-215

Organized by the



IAEA

International Atomic Energy Agency

Conference President:

P. Kovács Hungary

Programme Committee:

P. Beeley	UAE
H. Belmabrouk	Tunisia
N. Delaunay	IAEA
J. Eibenschutz Hartman	Mexico
C. Gregory	IAEA
L. Guo	IAEA
K. Huda	Indonesia
J. LeClair	USA
D. Louvat	ENSTTI
S. Mallick	IAEA
B. Molloy	IAEA
D. Nikonov	IAEA
F.E. Osaisai	Nigeria
B. Pagannone	IAEA
Z. Pasztory	IAEA
V. Pershukov	Russian Fed.
J. Wheatley	IAEA
M. Ziakova	Slovakia

IAEA Secretariat:

Scientific Secretaries: B. Molloy
S. Mallick

Conference Organizers: M. Neuhold
D. Schwingenschloegl

Rapporteur: P. Gowin

TC Coordination: E. Cole

Administrative Support: L. Makil
A. Morscher
T. Maier

Location of the Conference:

International Atomic Energy Agency
Vienna International Centre (VIC)
C Building, Board Room C, 4th Floor
Wagramer Strasse 5
1400 Vienna, Austria

Tel.: (+43 1) 2600 21314

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Working Language: English

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

TIMETABLE

Monday, 12 May 2014

08:00–16:00	Registration	Gate 1
14:00–15:30	Opening Session	
15:30–16:00	Interactive Presentations (IAPs)	
	<i>Coffee/Tea Break</i>	
16:00–17:30	Session 1A	Human Resources and Capacity Building
18:00–19:30	Welcome Reception	

Tuesday, 13 May 2014

09:00–10:30	Session 1B	Human Resources and Capacity Building
10:30–11:00	IAPs	
	<i>Coffee/Tea Break</i>	
11:00–12:30	Session 1C	Human Resources and Capacity Building
12:30–14:00	Lunch Break	
14:00–15:30	Session 2A	Preparing the Next Generation of Nuclear Professionals
15:30–16:00	IAPs	
	<i>Coffee/Tea Break</i>	
16:00–17:30	Session 2B	Preparing the Next Generation of Nuclear Professionals

Wednesday, 14 May 2014

09:00–10:30	Session 3A	Building and Sustaining Capacity through Education and Training
10:30–11:00	IAPs	
	<i>Coffee/Tea Break</i>	
11:00–12:30	Session 3B	Building and Sustaining Capacity through Education and Training
12:30–14:00	Lunch Break	
14:00–15:30	Session 3C	Building and Sustaining Capacity through Education and Training
15:30–16:00	IAPs	
	<i>Coffee/Tea Break</i>	
16:00–17:30	Session 3D	Building and Sustaining Capacity through Education and Training

Thursday, 15 May 2014

09:00–10:30	Session 4A	Knowledge Management
10:30–11:00	IAPs	
	<i>Coffee/Tea Break</i>	
11:00–12:30	Session 4B	Knowledge Management
12:30–14:00	Lunch Break	
14:00–15:30	Session 4C	Knowledge Management
15:30–16:00	IAPs	
	<i>Coffee/Tea Break</i>	
16:00–17:30	Session 5A	Knowledge Networks

Friday, 16 May 2014

09:00–10:30	Session 5B	Knowledge Networks
10:30–11:00	IAPs	
	<i>Coffee/Tea Break</i>	
11:00–12:30	Conference Summary Panel/ Closing Session	

Exhibits will be shown in the common area on the 4th floor of the C Building from Monday to Friday, 12-16 May 2014.

MONDAY, 12 MAY 2014

- 08:00–16:00** **Registration and distribution of
Conference material**
- 14:00–15:30** **OPENING SESSION**
- D. Flory, IAEA**
Deputy Director General,
Head of Department of Nuclear Safety
and Security
- A. Bychkov, IAEA**
Deputy Director General,
Head of Department of Nuclear Energy
- P. Kovács, Hungary**
President of the Conference
Minister of State for Energy Affairs,
Ministry of National Development
- H. Al Kaabi, UAE**
Ambassador,
Resident Representative
of the UAE to the IAEA
- S. Mallick, IAEA**
Programme and Policy Unit Head,
Department of Nuclear Safety and Security
- B. Molloy, IAEA**
Technical Head of Human Resources,
Department of Nuclear Energy
(#23)
- J. Isotalo, Finland**
Human Resources Manager,
Posiva
(#4)
- 15:30–16:00** Interactive Presentations (IAPs)
Coffee/Tea Break

MONDAY, 12 MAY 2014

16:00–17:30 **SESSION 1A:**
Human Resources and Capacity Building

Chairperson: **D. Louvat, ENSTTI**

<i>Time</i>	<i>No. of Paper IAEA–CN–215–</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
16:00–16:15		G. Caruso	IAEA	Introduction
16:15–16:35	77	I. Nishikawa	Japan	Strategic International Cooperation of Fukui Prefectural Government in Human Resources Development for Nuclear Power Programmes
16:35–16:55	63	K.L. Peddicord	USA	The Nuclear Power Institute Programs for Human Resource Development for the Nuclear Industry
16:55–17:15	6	M. Zamzam Jaafar	Malaysia	HRD in a Newcomer Country – Experience of Malaysia Nuclear Power Corporation, as a Dedicated NEPIO
17:15–17:30		Q&A		

18:00–19:30 Welcome Reception
(C Building – 4th Floor)

TUESDAY, 13 MAY 2014

09:00–10:30 **SESSION 1B:**
Human Resources and Capacity Building

Chairpersons: **J. Llewellyn, UK**
 F.E. Osaisai, Nigeria

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
09:00–09:20	138	Y. Ye	China	The Research on Cultivating Mode of Innovative Talents based on Disciplinary Construction
09:20–09:40	180	R. Geisser X. Perrette	Germany France	Human Resources Development Challenges for Nuclear Newcomers
09:40–09:55	163	M. Flore	European Union	EHRO-N and the Human Resources of the Nuclear Energy Sector. Analysis of Demand and Supply in Europe
09:55–10:10	161	A. Afonin	Russian Federation	Building Capacity through Leadership Development Programmes in Nuclear Industry
10:10–10:30		Q&A		
10:30–11:00	IAPs <i>Coffee/Tea Break</i>			

TUESDAY, 13 MAY 2014

11:00–12:30 **SESSION 1C:**
Human Resources and Capacity Building

Chairpersons: **D. Mohd, Malaysia**
 A. Da Silva, Brazil

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
11:00–11:20	20	B.K. Dutta	India	Graduate Training School Program of BARC and its Incorporation in University System
11:20–11:35	129	H. Boeck	Austria	Human Resources Development by the Eastern Europe Research Reactor Initiative (EERRI)
11:35–11:50	74	P. Ampornrat	Thailand	Progress in Human Resources Development of Office of Atoms for Peace
11:50–12:30		Panel Discussion Q&A		

12:30–14:00 Lunch Break

TUESDAY, 13 MAY 2014

14:00–15:30 **SESSION 2A:**
Preparing the Next Generation of
Nuclear Professionals

Chairpersons: **J. Isotalo, Finland**
 J. LeClair, USA

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
14:00–14:15		O. Acuña	IAEA	Introduction
14:15–14:35	8	Y. Choi	Korea, Republic of	Plans for Competency-based Human Resources Management in KINS
14:35–14:50	56	L. Matthews	UK	From Education to Employment - Inspiring and Strengthening the Pathways to Secure Nuclear Future
14:50–15:05	162	TBC	Russian Federation	Bridge of Generations. Project of JSC Atomenergomash
15:05–15:20	130	J. Dies	Spain	European Master in Innovation in Nuclear Energy (EMINE), Developed in the Framework of the European Institute of Innovation and Technology
15:20–15:30		Q&A		

15:30–16:00 IAPs
 Coffee/Tea Break

TUESDAY, 13 MAY 2014

16:00–17:30 **SESSION 2B:**
Preparing the Next Generation of
Nuclear Professionals

Chairpersons: **V. Segovia, USA**
 P. Wieland, WNU

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
16:00–16:20	9	J. Zlatnansky	Slovakia	Chance for Young Nuclear Professionals in Slovenske Elektrarne
16:20–16:40	92	M. Coeck	Belgium	Initiatives of the Belgian SCK•CEN Academy to Attract Young Talent in Nuclear Research and Technology
16:40–16:55	69	C. Goodnight	USA	Human Resource Requirements for New Nuclear Power Operating Organizations
16:55–17:30		Panel Discussion Q&A		

WEDNESDAY, 14 MAY 2014

09:00–10:30 **SESSION 3A:**
Building and Sustaining Capacity
through Education and Training

Chairpersons: **P. Beeley, UAE**
 B.J.B. Nyarko, Ghana

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
09:00–09:15		J.K. Park	IAEA	Introduction
09:15–09:35	11	Y. Nam	Korea, Republic of	Nuclear E&T for Building and Sustaining Capacity from Korean Experience
09:35–09:55	12	S. Sato	Japan	Overview of NRA Human Resource Development Center and NRA Cooperation and Support for IAEA/ANSN
09:55–10:10	84	A. Aszodi	Hungary	Hungarian-Vietnamese Nuclear Energy Train the Trainers Course
10:10–10:25	80	C. Poizat	France	EDF Skills Management for Operations
10:25–10:30		Q&A		

10:30–11:00 IAPs
 Coffee/Tea Break

WEDNESDAY, 14 MAY 2014

11:00–12:30 **SESSION 3B:**
Building and Sustaining Capacity
through Education and Training

Chairperson: **S.M.A. Habib, Pakistan**

<i>Time</i>	<i>No. of Paper IAEA–CN–215–</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
11:00–11:20	85	R. Howsley	WINS	The WINS Academy Security Certification Programme: The Route to Demonstrable Competence
11:20–11:35	117	M. Alhajri	Saudi Arabia	Nuclear Human Capability Building Program in Saudi Arabia
11:35–11:50	169	M. Roobaert	Belgium	Human Resource Management in the Belgian TSO Bel V
11:50–12:05	175	J. Robertson	UK	Strengthening Technical Specialist Training for an Expanding Nuclear Power Programme in the UK
12:05–12:30		Q&A		
12:30–14:00	Lunch Break			

WEDNESDAY, 14 MAY 2014

14:00–15:30 **SESSION 3C:**
Building and Sustaining Capacity
through Education and Training

Chairperson: **M. Strikhanov, Russian Federation**

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
14:00–14:20	13	N. Klos	Ukraine	Systematic Approach to Training and Professional Development Specialists of Physical Protection, Accounting and Control of Nuclear Materials in Ukraine
14:20–14:40	42	J. Larkin	South Africa	Human Resource Development for the Proposed 9.6 GW Nuclear Build Programme in South Africa, University of Witwatersrand
14:40–14:55	118	N. Zeleznik	Slovenia	Improving Education, Training and Communication with Public on Ionizing Radiation
14:55–15:10	153	A. Kvočkova	Slovakia	Nuclear Training Excellence Project in Slovenské elektrárne
15:10–15:30		Q&A		
15:30–16:00	IAPs <i>Coffee/Tea Break</i>			

WEDNESDAY, 14 MAY 2014

16:00–17:30 **SESSION 3D:
Building and Sustaining Capacity
through Education and Training**

Chairperson: **T. Hattori, Japan**

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
16:00–16:20	57	J. Roberts	UK	The Nuclear Technology Education Consortium: Helping to Build and Maintain Nuclear Capacity Globally
16:20–16:35	64	J. Blomgren	Sweden	Nuclear Business Acumen Training for Executives
16:35–16:50	97	M. Shahzad	Pakistan	Lessons Learned in Performing and Implementing the Results of Training Need Assessment in a Newly Developed Regulatory Body with a Mandate to Regulate the Country's Expanding Nuclear Power Programme: A Case Study of Pakistan Nuclear Regulatory Authority
16:50–17:05	98	M. Strikhanov	Russian Federation	New Initiatives for International Cooperation for Nuclear Education in Russia
17:05–17:30		Panel Discussion Q&A		

THURSDAY, 15 MAY 2014

09:00–10:30 **SESSION 4A:**
Knowledge Management

Chairpersons: **R. Edington, USA**
 A. Dub, Russian Federation

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
09:00–09:15	14	J. de Grosbois	IAEA	Introduction
09:15–09:35	15	J. Hudson	USA	Knowledge Management at the U.S. Nuclear Regulatory Commission
09:35–09:50	152	G. Jimenez Varas	Spain	A Knowledge Transfer Program for Engineering Students at Master Level at the UPM
09:50–10:05	147	D. Karagiannis	Austria	Evolution of Knowledge Management: From Expert Systems to Innovation 2.0
10:05–10:20	146	J. Day	UK	How Knowledge Mapping is Being Used to Integrate Plans for Safe and Reliable Operations
10:20–10:30		Q&A		

10:30–11:00 IAPs
 Coffee/Tea Break

THURSDAY, 15 MAY 2014

11:00–12:30 **SESSION 4B:**
Knowledge Management

Chairpersons: **D. Ash, USA**
 J. Eibenschutz Hartman, Mexico

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
11:00–11:20	16	S. Udum	Turkey	Knowledge Management: The Case of Turkey as the Newcomer
11:20–11:40	179	M. Uesaka	Japan	Human Resource Development Activities in Japan and Contribution to the Global Standards
11:40–11:55	133	R. Kvetonova	Czech Republic	Nuclear Knowledge Loss Risk Management (Lessons Learned, Implementation Experiences)
11:55–12:10	132	T. Juurmaa	Finland	Approaches to Maintaining and Building Organisational Knowledge in a Nuclear Expert Organisation
12:10–12:30		Q&A		
12:30–14:00	Lunch Break			

THURSDAY, 15 MAY 2014

14:00–15:30 **SESSION 4C:**
Knowledge Management

Chairpersons: **M. Ziakova, Slovakia**
 N. Shumkova, Ukraine

<i>Time</i>	<i>No. of Paper IAEA–CN–215–</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
14:00–14:20	111	V. Pershukov	Russian Federation	Strategy of KM for HRD
14:20–14:35	78	Z. Baig	Pakistan	Knowledge Management Strategy Adopted by PNRA: A Case Study
14:35–14:50	122	T. Marco, D. Heler	USA	Knowledge Management Integration into Strategic Human Capital Management Systems
14:50–15:30		Panel Discussion Q&A		

15:30–16:00 IAPs
 Coffee/Tea Break

THURSDAY, 15 MAY 2014

16:00–17:30 **SESSION 5A:**
Knowledge Networks

Chairperson: **K. Huda, Indonesia**

<i>Time</i>	<i>No. of Paper IAEA-CN-215-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
16:00–16:15		K. Mrabit	IAEA	Introduction
16:15–16:35	18	H. Teske	Germany	European Technical Safety Organisations Network (ETSON) as Important Part of International Nuclear Safety Knowledge Networks
16:35–16:50	66	O. Elsiddig Ali Osman	Sudan	Contribution of IAEA, FNRBA and ANNuR as Networking in Developing and Maintaining Capacity Building for a Nuclear Power Programme: Comparative Study
16:50–17:05	108	E. Amanor	Ghana	AFRA-NEST: A Tool for Human Resource Development
17:05–17:30		Q&A		

FRIDAY, 16 MAY 2014

09:00–10:30 **SESSION 5B:**
Knowledge Networks

Chairpersons: **E.H.K. Akaho, Ghana**
 H. Belmabrouk, Tunisia

<i>Time</i>	<i>No. of Paper IAEA–CN–215–</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
09:00–09:20	75	C. Thomas	Netherlands	How are Global Nuclear Organisations Attracting and Retaining Nuclear Professionals and Developing Knowledge Networks?
09:20–09:35	160	J. Dies	Spain	European Nuclear Education Network (ENEN). Ten Years of Experience.
09:35–09:50	81	A. Georgieva	Bulgaria	National Nuclear Regulatory Portal (NNRP) – a Useful Regulatory Knowledge Network
09:50–10:05	170	A. Chavez Flores	Argentina	Nuclear Education, Training and Outreach in Latin America and the Caribbean Region
10:05–10:30		Panel Discussion Q&A		

10:30–11:00 IAPs
 Coffee/Tea Break

11:00–12:00 **CONFERENCE SUMMARY PANEL**

Panellists: D. Louvat, ENSTTI
 J. Isotalo, Finland
 P. Beeley, UAE
 M. Ziakova, Slovakia
 K. Huda, Indonesia
 S. Mallick, IAEA
 B. Molloy, IAEA
 Z. Pasztory, IAEA

12:00–12:30 **CLOSING SESSION**

P. Kovács, Hungary President's Summary
A. Bychkov, IAEA Closing Remarks
D. Flory, IAEA

INTERACTIVE PRESENTATIONS

MONDAY, 12 May 2014

TIME: 15:30–16:00

(meeting room available from 13:15 until 17:30)

<i>No. of Paper IAEA-CN-215-</i>	<i>Meeting Room</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
40	IAP Room 1 (C0437)	A. Sitnikov	Russian Federation	The Role of Responsible Vendor in Assisting the HRD in Emerging Countries
38	IAP Room 3 (C0444)	M. Gushchyna	Ukraine	Method of Competences System Estimation for the Ukrainian NPP Personnel
83	IAP Room 2 (C0440)	A. Kugo	Japan	JANSI's Activities for Reflecting Lessons Learned from Fukushima Daiichi Accident
45	IAP Room 4 (C0445)	J.-C. Veyre	Switzerland	ENSI HCM Concept
105	IAP Room 5 (C0451)	S. Malkawi	Jordan	Human Resources Development for Jordan's Nuclear Power Program
123	IAP Room 6 (C0452)	E. Bacarra	Philippines	Challenges in Building Capability for a Nuclear Programme in the Philippines
176	IAP Room 7 (C0453)	E. Hamad Elneel Yousif Almhena	Sudan	Sudan Country Profile - Human Resource Development for the first Nuclear Power Program
25	IAP IAEA (C0454)	P. Hughes	IAEA	THE IAEA Safety Assessment Advisory Programme (SAAP): Collaborative Review of the National Safety Assessment Competency Framework for Newcomer Member States
33	IAP IAEA (C0454)	P. Kenny	IAEA	The IAEA RANET Capacity Building Centre in Fukushima, Japan

TUESDAY, 13 May 2014**TIME: 10:30–11:00****(meeting room available from 09:00 until 13:00)**

<i>No. of Paper IAEA-CN-215-</i>	<i>Meeting Room</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
44	IAP Room 1 (C0437)	V. Artisiuk	Russian Federation	Training Solutions to Support Embarking Countries in the Frameworks of Practical Arrangements with IAEA: Lesson Learned in ROSATOM Central Institute for Continuing Education & Training
96	IAP Room 3 (C0444)	M.K. Hossain	Bangladesh	Human Resource Development for Nuclear Power Programme in Bangladesh
107	IAP Room 5 (C0451)	U. Mirsaidov	Tajikistan	Human Resources Development in Tajikistan
109	IAP Room 2 (C0440)	R. Finch	USA	The Gulf Nuclear Energy Infrastructure Institute (GNEII) Four Years On
124	IAP Room 6 (C0452)	M. Ndontchueng Moyo	Cameroon	Developing National Capacity to Initiate Nuclear Power Programme
157	IAP Room 7 (C0453)	P. Ghinea	Romania	Management of Human Resources in CNCAN
181	IAP Room 4 (C0445)	H. Pauwels	European Union	EU activities for Training and Tutoring of Regulatory Authorities and Technical Support Organisations (TSOs)
34	IAP IAEA (C0454)	J. Wheatley	IAEA	Establishing Sustainable National Infrastructures for Education and Training in Radiation, Transport and Waste Safety

TIME: 15:30–16:00

(meeting room available from 13:15 until 17:30)

<i>No. of Paper IAEA-CN-215-</i>	<i>Meeting Room</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
21	IAP Room 1 (C0437)	T. Rakitskaya	Russian Federation	Knowledge Networks – Safety Networks: The Strategic Bifurcations on the Road to Global community of Practice of Waste Management
50	IAP Room 2 (C0440)	D. Kriukov	Russian Federation	New Nuclear Engineering E&T Programmes in Far East Federal University – To Meet The Challenge of Nuclear Development in South-East Asia
59	IAP Room 3 (C0444)	R. Langenati	Indonesia	Human Resources Capacity Building as a Strategy in Strengthening Nuclear Knowledge Sustainability in the Experimental Fuel Element Installation of BATAN-Indonesia
60	IAP Room 5 (C0451)	S. Pepper	USA	The Value of the Junior Professional Officer Program to the IAEA and its Member States
134	IAP Room 6 (C0452)	A. Hassan	Sudan	Nuclear Education in Sudan
164	IAP Room 7 (C0453)	H. Zhivitskaya	Belarus	Educational Network Environment: Models and Implementation
182	IAP Room 4 (C0445)	J. LeClair	USA	Guarding the Gates: Confronting Social Engineering in Nuclear Power
24	IAP IAEA (C0454)	I. Kuzmina	IAEA	Building Newcomer Competence for NPP Safety Assessment through Learning by Doing: Development of Level 1 Probabilistic Safety Assessment for Research Reactors
	IAP IAEA (C0454)	D. Nikonov	IAEA	Education and Training Networks as a Tool for Nuclear Security Human Resource Development and Capacity Building

WEDNESDAY, 14 May 2014**TIME: 10:30–11:00****(meeting room available from 09:00 until 13:00)**

<i>No. of Paper IAEA-CN-215-</i>	<i>Meeting Room</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
43	IAP Room 3 (C0444)	E. Sokolova	Russian Federation	SEC NRS Experience on Training in Nuclear Safety Regulation for States with First Nuclear Power Programme Based on Russian VVER Technologies
55	IAP Room 1 (C0437)	Y. Seleznev	Russian Federation	The Concept of Training System for Newly Established Operator in Embarking State
101	IAP Room 5 (C0451)	S. Korolev	Russian Federation	The Role of Computer-Based Educational Laboratories in Nuclear Engineering University Programmes
103	IAP Room 6 (C0452)	S. Jovanovic	Montenegro	Nuclear Security Education in “Non-Nuclear” Countries – Inseparable Component of Global Nuclear Security Scheme; Example of Montenegro
125	IAP Room 2 (C0440)	Y. Yanev	Bulgaria	The Nuclear Energy Management Curriculum - Experience Gained and Lessons Learned
131	IAP Room 7 (C0453)	J. Dies	Spain	Multimedia Course on Nuclear Reactors Physics, Application to a Tailored On The Job Training Course
140	IAP Room 4 (C0445)	F. Foulon	France	ISIS Training Reactor: A Reactor Dedicated to Education and Training for Students and Professionals
26	IAP IAEA (C0454)	M. Mellinger-Deroy	IAEA	The Safety Assessment Education and Training Programme
31	IAP IAEA (C0454)	M. Moracho Ramirez	IAEA	Education and Training Strategy for Nuclear Installation Safety 2013-2020

TIME: 15:30–16:00
(meeting room available from 13:15 until 17:30)

<i>No. of Paper IAEA-CN-215-</i>	<i>Meeting Room</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
87	IAP Room 3 (C0444)	S.-Y. Hohara	Japan	International Training Program on Nuclear Engineering at Kinki University
94	IAP Room 1 (C0437)	M. Coeck	Belgium	Policy, Development and Delivery of Education and Training Programmes in Radiation Protection: a Crucial Contribution to the Safe Use of Ionising Radiation
99	IAP Room 2 (C0440)	N. Geraskin	Russian Federation	Establishing Requirements for Nuclear Engineering Educational Programs
116	IAP Room 5 (C0451)	H.A. Kalambuka	Kenya	Approaches to Education and Training for Kenya's New Nuclear Power Program
127	IAP Room 6 (C0452)	O.K. Hakam	Morocco	Contribution of a Master Program to Building Competencies in Nuclear Sciences in Morocco
135	IAP Room 7 (C0453)	N. Kone	Mali	Challenges for a Developing Country in Building Human Resource Development for Nuclear Power Programmes: Case of Mali
177	IAP Room 4 (C0445)	H. Ovona	Uganda	Human Resource Development for Nuclear Power Programme in Uganda
29	IAP IAEA (C0454)	L. Halt, B. Molloy	IAEA	E-Learning for Newcomers on the IAEA Milestones Approach
32	IAP IAEA (C0454)	M. Moracho Ramirez	IAEA	SARCoN

THURSDAY, 15 May 2014**TIME: 10:30–11:00****(meeting room available from 09:00 until 13:00)**

<i>No. of Paper IAEA-CN-215-</i>	<i>Meeting Room</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
65	IAP Room 1 (C0437)	S. Pleslic	Croatia	Importance of Knowledge Management in Human Resource Development
100	IAP Room 2 (C0440)	A. Kosilov	Russian Federation	Knowledge Management Course for Master Program in Nuclear Engineering
113	IAP Room 7 (C0453)	A. Dub	Russian Federation	Knowledge management System in the State Atomic Energy Corporation «ROSATOM»
121	IAP Room 3 (C0444)	M. Mohsin	Pakistan	Knowledge Management (KM) Risk Assessment of Critical Knowledge Loss in an Organization with Expanding Nuclear Power Program
137	IAP Room 5 (C0451)	J. Pan	China	Knowledge Pipeline: A Task-Oriented Way to Implement Knowledge Management
168	IAP Room 6 (C0452)	A.T. Chavez Flores	Argentina	Integrating Knowledge Management into Everyday Practices: the Case of the Intellectual Capital Section at CNEA
148	IAP Room 4 (C0445)	A.N. Afghan	Pakistan	Capacity Building Challenges for Safety Culture Improvements: Strategies for Training and Practices
41	ROSATOM Booth	S. Usenko	Russian Federation	From Critical Knowledge Preservation to New Training Courses: Experience of ROSATOM Central Institute for Continuing Education & Training
128	IAP IAEA (C0454)	S. Sheveleva, Z. Pasztory	IAEA	E-catalogue "Knowledge Management Practices in Nuclear Organizations"
156	IAP IAEA (C0454)	F. Adachi	IAEA	Virtual Nuclear Management University

TIME: 15:30–16:00

(meeting room available from 13:15 until 17:30)

<i>No. of Paper IAEA-CN-215-</i>	<i>Meeting Room</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
61	IAP Room 1 (C0437)	K. Bachner	USA	Promoting Intercultural Competencies
67	IAP Room 3 (C0444)	C. Vetere	Argentina	The STOReR System: A Tool for Traceability and Radioactive Waste Record Preservation
68	IAP Room 2 (C0440)	E. Kapralov	Russian Federation	Nuclear Regulatory Authority Personnel Educating and Training within the National Nuclear Program Development
104	IAP Room 5 (C0451)	H.M.N. Ranjith Bandara	Sri Lanka	Knowledge Management Implementation Issues Faced by Nuclear Organizations in Sri Lanka
119	IAP Room 6 (C0452)	S.L. Mdoe	United Republic of Tanzania	Benchmarking Nuclear Science and Technology Education and Research in Tanzania
120	IAP Room 7 (C0453)	E. Kartashev	Russian Federation	Knowledge Management in the Development and Use of Radiation Technologies
139	IAP Room 4 (C0445)	E. Volkov	Russian Federation	Knowledge Management: Applications for Nuclear Facilities
27	IAP IAEA (C0454)	M. Vojtela	IAEA	Cyber Learning Platform for Nuclear Education and Training (CLP4NET)

FRIDAY, 16 May 2014**TIME: 10:30–11:00****(meeting room available from 09:00 until 12:30)**

<i>No. of Paper IAEA-CN-215-</i>	<i>Meeting Room</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
22	IAP Room 4 (C0445)	C. Thomas	Netherlands	An Interactive Q&A to Address your Questions about How to Recruit Nuclear Professionals from the Global Talent Pool
58	IAP Room 3 (C0444)	I. Othman	Syrian Arab Republic	Building Human Resources for Nuclear programmes: The Syrian Experiences
112	IAP Room 1 (C0437)	N. Belenkaya	Russian Federation	Creation of Knowledge Networks – the Best Practices from Russian Communities of Practice
136	IAP Room 2 (C0440)	S.L. Mdoe	United Republic of Tanzania	Establishing a National Network for Nuclear Education, Science and Technology in Africa
145	IAP Room 6 (C0452)	R. Woitsch	Austria	Knowledge Management for Business Process Management
149	IAP Room 7 (C0453)	H. Adnan	Malaysia	Knowledge Sharing through Virtual Mode: the Influenced Factors for KM Development among the Researchers in Nuclear Malaysia
154	IAP Room 5 (C0451)	E. Agedah	Nigeria	Education and Training of Nuclear Personnel: the Nigerian Initiative
155	IAP IAEA (C0454)	U. Ugbor	IAEA	Capacity Assessment and Planning (CAP) Framework

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Scientists interested in participating in any of the IAEA meetings should request information from the Government authorities of their own countries, in most cases the Ministry of Foreign Affairs or national atomic energy authority.

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Proceedings

The proceedings of the conference will be published by the IAEA as soon as possible after the conference.

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IAEA PUBLICATIONS RELATED TO THE SUBJECT OF THE CONFERENCE

STI/PUB/1623	IAEA Nuclear Energy Series NG-T-2.7: Managing Human Performance to Improve Nuclear Facility Operation (2014)
IAEA-TECDOC-1711	The Impact of Knowledge Management Practices on NPP Organizational Performance - Results of a Global Survey (2013)
STI/PUB/1248	Non-serial Publication: Risk Management of Knowledge Loss in Nuclear Industry Organizations (2012)
IAEA-TECDOC-1675	Knowledge Management for Nuclear Research and Development Organizations (2012)
STI/PUB/1477	IAEA Nuclear Energy Series NG-T-3.10: Workforce Planning for New Nuclear Power Programmes (2011)
STI/PUB/1475	IAEA Nuclear Energy Series NG-T-6.1: Status and Trends in Nuclear Education (2011)
IAEA-TECDOC-1656	Evaluation of Human Resource Needs for a New Nuclear Power Plant: Armenian Case Study (2011)
STI/PUB/1494	IAEA Nuclear Energy Series NG-T-6.7: Comparative Analysis of Methods and Tools for Nuclear Knowledge Preservation (2011)
STI/PUB/1439	Educational Programme in Nuclear Security (2010)
STI/PUB/1397	IAEA Nuclear Energy Series NG-G-2.1: Managing Human Resources in the Field of Nuclear Energy (2009)
STI/PUB/1377	IAEA Nuclear Energy Series NG-T-6.2: Development of Knowledge Portals for Nuclear Power Plants (2009)
STI/PUB/1334	IAEA Nuclear Energy Series NG-T-2.2: Commissioning of Nuclear Power Plants: Training and Human Resource Considerations (2008)
STI/PUB/1332	IAEA Nuclear Energy Series NG-T-2.3: Decommissioning of Nuclear Facilities: Training and Human Resource Considerations (2008)

STI/PUB/1335	IAEA Safety Standards Series NS-G-4.5: The Operating Organization and the Recruitment, Training and Qualification of Personnel for Research Reactors. Safety Guide (2008)	IAEA-TECDOC-1501	Human Resource Issues Related to an Expanding Nuclear Power Programme (2006)
STI/PUB/1350	INSAG Series 22: Nuclear Safety Infrastructure for a National Nuclear Power Programme Supported by the IAEA Fundamental Safety Principles (2008)	IAEA-TECDOC-1502	Authorization of Nuclear Power Plant Control Room Personnel: Methods and Practices with Emphasis on the Use of Simulators (2006)
STI/PUB/1347	IAEA Nuclear Security Series 7: Nuclear Security Culture (2008)	IAEA-TECDOC-1522	Potential for Sharing Nuclear Power Infrastructure between Countries (2006)
STI/PUB/1358	IAEA Nuclear Energy Series NG-T-3.2: Evaluation of the Status of National Nuclear Infrastructure Development (2008)	STI/PUB/1273	IAEA Safety Standards Series SF-1: Fundamental Safety Principles (2006)
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IAEA-TCS-01/04	Training Course Series 1: Safe Transport of Radioactive Material Fourth Edition (2006)	IAEA-TECDOC-1500	Guidelines for Upgrade and Modernization of Nuclear Power Plant Training Simulators (2006)
STI/PUB/1236	Non-serial Publications: Competency Assessments for Nuclear Industry Personnel (2006)	IAEA-TECDOC-1510	Knowledge Management for Nuclear Industry Operating Organizations (2006)
IAEA-TECDOC-1513	Basic Infrastructure for a Nuclear Power Project (2006)	IAEA-TCS-21	Training Course Series 21: WWER-1000 Reactor Simulator, Second Edition (2005)
STI/PUB/1253	IAEA Safety Standards Series GS-G-3.1: Application of the Management System for Facilities and Activities Safety (2006)	IAEA-TCS-22/02	Training Course Series 22/02: Pressurized Water Reactor Simulator, Second Edition (2005)
STI/PUB/1252	IAEA Safety Standards Series GS-R-3: The Management System for Facilities and Activities. Safety Requirements (2006)	IAEA-TECDOC-1440	Overview of Training Methodology for Accident Management at Nuclear Power Plants (2005)
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		STI/PUB/1173	INSAG Series 18: Managing Change in the Nuclear Industry: The Effects on Safety (2004)

IAEA-TECDOC-1392	Development of Instructors for Nuclear Power Plant Personnel Training (2004)	IAEA-TECDOC-1254	Training the Staff of the Regulatory Body for Nuclear Facilities: A Competency Framework (2001)
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IAEA-TECDOC-1364	Managing Human Resources in the Nuclear Power Industry: Lessons Learned (2003)	STI/PUB/1107	Safety Reports Series 20: Training in Radiation Protection and the Safe Use of Radiation Sources (2001)
IAEA-TCS-15	Training Course Series 15: Regulatory Control of Nuclear Power Plants (2002)	IAEA-TECDOC-1259	Nuclear Power Programme Planning: An Integrated Approach (2001)
STI/PUB/1137	INSAG Series 15: Key Practical Issues in Strengthening Safety Culture (Including Booklet) (2002)	STI/PUB/1093	IAEA Safety Standards Series GS-R-1: Legal and Governmental Infrastructure for Nuclear, Radiation, Radioactive Waste and Transport Safety. Safety Requirements (2000)
STI/PUB/1129	IAEA Safety Standards Series GS-G-1.1: Organization and Staffing of the Regulatory Body for Nuclear Facilities. Safety Guide (2002)	IAEA-TECDOC-1170	Analysis Phase of Systematic Approach to Training (SAT) for Nuclear Plant Personnel (2000)
STI/PUB/1140	IAEA Safety Standards Series NS-G-2.8: Recruitment, Qualification and Training of Personnel for Nuclear Power Plants. Safety Guide (2002)	IAEA-TECDOC-1057	Experience in the Use of Systematic Approach to Training (SAT) for Nuclear Power Plant Personnel (1999)
STI/PUB/1133	IAEA Safety Standards Series GS-R-2: Preparedness and Response for a Nuclear or Radiological Emergency. Safety Requirements (2002)	IAEA-TECDOC-1024	Selection, Competency Development and Assessment of Nuclear Power Plant Managers (1998)
STI/PUB/1128	IAEA Safety Standards Series GS-G-1.2: Review and Assessment of Nuclear Facilities by the Regulatory Body. Safety Guide (2002)	IAEA-TECDOC-1052	Nuclear Power Plant Organization and Staffing for Improved Performance: Lessons Learned (1998)
IAEA-TCS-18	Training Course Series 18: Postgraduate Educational Course in Radiation Protection and the Safety of Radiation Sources. Standard Syllabus (2002)	STI/PUB/1050	Choosing the Nuclear Power Option: Factors to be Considered (1998)
STI/PUB/1108	IAEA Safety Standards Series RS-G-1.4: Building Competence in Radiation Protection and the Safe Use of Radiation Sources. Safety Guide (2001)	STI/PUB/1013	INSAG Series 10: Defence in Depth in Nuclear Safety (1996)

FORTHCOMING SCIENTIFIC MEETINGS SCHEDULED BY THE IAEA

2014

International Symposium on Understanding Moderate Malnutrition in Children for Effective Interventions
26-29 May 2014, Vienna, Austria

International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle: Exploration, Mining, Production, Supply and Demand, Economics and Environmental Issues
23-27 June 2014, Vienna, Austria

International Conference on Advances in Nuclear Forensics: Countering the Evolving Threat of Nuclear and Other Radioactive Material out of Regulatory Control
7-10 July 2014, Vienna, Austria

25th Fusion Energy Conference (FEC 2014)
13-18 October 2014, St. Petersburg, Russian Federation

Symposium on International Safeguards: Linking Strategy, Implementation and People
20-24 October 2014, Vienna, Austria

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

International Symposium on Food Safety and Quality: Applications of Nuclear and Related Techniques
10-13 November 2014, Vienna, Austria

International Conference on Occupational Radiation Protection: Enhancing the Protection of Workers - Gaps, Challenges and Developments
1-5 December 2014, Vienna, Austria

2015

International Experts Meeting on Strengthening Research and Development Effectiveness in the Light of the Accident at the Fukushima Daiichi Nuclear Power Plant
16-20 February 2015, Vienna, Austria

International Symposium on Isotope Hydrology: Revisiting Foundations and Exploring Frontiers
11-15 May 2015, Vienna, Austria

International Conference on Nuclear Security in a Computer World: Prevention, Detection and Resistance to Emerging Cyber Threats
1-5 June 2015, Vienna, Austria

International Conference on Operational Safety
9-12 June 2015, Vienna, Austria

International Conference on Storage of Spent Fuel from Nuclear Power Reactors
15-19 June 2015, Vienna, Austria

International Conference 'Women in Nuclear Meet Atoms for Peace'
24-28 August 2015, Vienna, Austria

International Conference on Global Emergency Preparedness and Response
19-23 October 2015, Vienna, Austria

International Conference on Clinical PET and Molecular Nuclear Medicine (IPET III): Trends in Clinical PET and Radiopharmaceutical Development
October/November 2015, Vienna, Austria

International Conference on Research Reactors: Safe Management and Effective Utilization
16-20 November 2015, Vienna, Austria

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