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Joint ICTP-IAEA Nuclear Energy Management School | (smr 3327)

Monday 07 October 2019

Registration and administration procedures - Adriatico Guest House - Office 3 (Lower level)
(08:30-09:30)

Opening Session - Giambiagi Lecture Hall (AGH) (09:30-11:30)

time	title	presenter
09:30	Opening Remarks	CHUDAKOV (VIDEOCONF.), Mikhail OVANES, Michaela SCANDALO, Sandro
09:45	Introduction of Participants	
10:30	Nuclear Energy Management: School Objectives and Programme Overview	OVANES, Michaela
11:15	Coffee break	

IAEA and Nuclear Technology - Chair: Michaela Ovanes - Giambiagi Lecture Hall (AGH)
(11:30-17:30)

time	title	presenter
11:30	The IAEA and its Services to Member States	RIDIKAS, Danas
12:30	Lunch	
13:30	IAEA's Scientific and Technical Knowledge Resources	OVANES, Michaela
14:30	Introduction to Nuclear Applications	RIDIKAS, Danas
15:30	Coffee break	
15:45	Introduction to Research Facilities	RIDIKAS, Danas
16:45	Discussion, Q&A Session	
17:15	Distribution of the Group Projects	OVANES, Michaela

notitle - Adriatico Guest House Terrace (19:00-20:00)

time	title	presenter
19:00	Get-together drink	

Tuesday 08 October 2019

Implementation of a NP Programme - Long Term Commitment - Chair: Mr. Danas Ridikas - Giambiagi Lecture Hall (AGH) (08:45-17:30)

time	title	presenter
08:45	Day 2: Briefing	SCIENTIFIC SECRETARY
09:00	Introduction to New Builds and the IAEA's Milestones Approach	REYSSET (VIDEOCONF.), Thibaud
10:00	Introduction to Nuclear Power and Current Nuclear Power Technologies	PYY, Pekka
11:00	Coffee break	
11:30	Introduction to Nuclear Power Plant Life Cycle Management	PYY, Pekka
12:30	Lunch break	
13:30	An Integrated Approach to HRD and Nuclear Knowledge Management	OVANES, Michaela
14:30	Discussion, Q&A Session	
15:30	Coffee break	
16:00	Nuclear RP Tutorials (Group Exercise)	
17:00	Group Projects	

Wednesday 09 October 2019

Stakeholder Involvement, International Legal Framework and Safeguards - Chair: Mr. Trevor Boar - Giambiagi Lecture Hall (AGH) (08:45-17:30)

time	title	presenter
08:45	Day 3: Briefing	SCIENTIFIC SECRETARY
09:00	Main Principles of Stakeholders Involvement and Public Communication	PYY, Pekka
10:00	Introduction to the Concept of Risk and Risk Communication	PYY, Pekka
11:00	Coffee break	
11:15	Nuclear Law and Relevant International Legal Instruments	SCOTTO (VIDEOCONF.), Camille
12:15	Developing National Nuclear Legislation	SCOTTO (VIDEOCONF.), Camille
13:15	Group Photo	
13:20	Lunch break	
14:15	IAEA Legal Framework for Safeguards	FANIELLE (VIDEOCONF.), Silvain
15:15	The IAEA Methods and Tools for Safeguards Implementation	MUNOZ (VIDEOCONF.), Sandra
16:15	Coffee break	
16:30	Discussion, Q&A Session	
17:00	Group Projects	

Thursday 10 October 2019

IAEA's 3-S Requirements - Chair: Mr. John Sowagi - Giambiagi Lecture Hall (AGH) **(08:45-17:30)**

time	title	presenter
08:45	Day 4: Briefing	
09:00	Main Principles of Nuclear Installation Safety	SANTINI (VIDEOCONF.), Miguel
10:00	Radiation Protection and Safety	BOAL, Trevor
11:00	Coffee break	
11:15	Emergency Preparedness and Response	MARTINCIC, Rafael
12:15	Lunch break	
13:15	Nuclear Security Fundamentals and Infrastructure	TOMAZIC, Samo
15:15	Coffee break	
15:30	Information and Computer Security	TOMAZIC, Samo
16:30	Discussion, Q&A Session	
17:00	Group Projects	

Friday 11 October 2019

Nuclear Management & Leadership for Safety - Chair: Mr. Rafael Martin - Giambiagi **Lecture Hall (AGH) (08:45-17:30)**

time	title	presenter
08:45	Day 5: Briefing	SCIENTIFIC SECRETARY
09:00	IAEA Approach to Workforce Planning in Nuclear Organizations	SOWAGI, John
10:00	Nuclear Management & Leadership	PYY, Pekka
11:00	Coffee break	
11:30	Safety Culture	SOWAGI, John
12:30	Lunch break	
13:30	Safety Culture: Case studies (part 1)	SOWAGI, John
15:00	Safety Culture: Case Studies (part 2)	SOWAGI, John
16:00	Coffee break	
16:30	Discussion, Q&A Session	
17:00	Group Projects	

Monday 14 October 2019

Nuclear Technologies and Radioactive Waste Management - Chair: Mr. Jim Hylko - **Giambiagi Lecture Hall (AGH) (08:45-17:30)**

time	title	presenter
08:45	Day 6: Briefing	SCIENTIFIC SECRETARY
09:00	Non-electric Applications of Nuclear Power	KHAMIS (VIDEOCONF.), Ibrahim
10:00	Overview of the Fuel Cycle	MYKOLAICHUK, Olena
11:00	Coffee break	
11:15	Radioactive Waste Management (1)	MYKOLAICHUK, Olena
12:15	Radioactive Waste Management (2)	MYKOLAICHUK, Olena
13:15	Lunch break	
14:15	Nuclear Power Technology Evolution	REITSMA, Frederik
15:15	Development of Small Modular Reactors	REITSMA, Frederik
16:15	Coffee break	
16:30	Discussion, Q&A Session	
17:00	Group Projects	HYLKO, Jim

Tuesday 15 October 2019

Climate Change and the Economics of Nuclear Energy, Spent Fuel Management & Decommissioning - Chair: Ms. Olena Mykolaichuk - Giambiagi Lecture Hall (AGH) **(08:45-17:30)**

time	title	presenter
08:45	Day 7: Briefing	SCIENTIFIC SECRETARY
09:00	Climate Change Mitigation and Nuclear Power	ALEXEEVA, Victoria
10:00	Planning for Sustainable Energy Development and the Economics of Nuclear Power	ALEXEEVA, Victoria
11:00	Coffee break	
11:30	IAEA Energy Planning Tools and Capacity Building Programme	ALEXEEVA, Victoria
12:30	Energy Planning Group Exercise	ALEXEEVA, Victoria
13:00	Group photo	
13:05	Lunch break	
14:00	Spent Nuclear Fuel Management	MYKOLAICHUK, Olena
15:00	Decommissioning of Nuclear Facilities	MYKOLAICHUK, Olena
16:00	Coffee break	
16:30	Discussion, Q&A Session	
17:00	Group Projects	HYLKO, Jim

notitle - (19:00-21:00)

time	title	presenter
19:00	Dinner at Ristorante Le Terrazze	

Wednesday 16 October 2019

Basic Principles of Nuclear Power Plant Operation - Chair: Mr. Jim Hylko - Adriatico Guest House - Informatics Laboratory (08:45-17:30)

time	title	presenter
08:45	Day 8: Briefing	SCIENTIFIC SECRETARY
09:00	Plant Operation Principles with Simulators	MIASSOEDOV, Alexei
11:00	Coffee break	
11:30	Plant Operation Principles with Simulators (cont.)	MIASSOEDOV, Alexei
13:30	Lunch break	
14:30	Plant Operation Principles with Simulators (cont.)	MIASSOEDOV, Alexei
16:00	Coffee break	
16:30	Discussion, Q&A Session	
17:00	Group Projects	HYLKO, Jim

Thursday 17 October 2019

Technical Visit to a Nuclear Facility - Chair: Ms. Michaela Ovanes - Elettra (09:00-13:00)

time	title	presenter
09:00	Day 9: Briefing & Departure	SCIENTIFIC SECRETARY
09:30	Syncrotron ELETTRA Facility Trieste	KISKINOVA, Maya GREGORATTI, Luca
12:30	Return trip	

notitle - Giambiagi Lecture Hall (AGH) (13:00-17:30)

time	title	presenter
13:00	Lunch break	
14:30	Group Projects	HYLKO, Jim
15:30	Coffee break	
16:00	Review of final project presentations	HYLKO, Jim

Friday 18 October 2019

Assessment Test, Project Presentations and Award of Certificates - Chair: Ms. Michaela Ovanes - Adriatico Guest House - Informatics Laboratory (09:00-15:30)

time	title	presenter
09:00	Day 10: Briefing	SCIENTIFIC SECRETARY
09:30	Final Assessment Test	
11:00	Coffee break	
11:30	Group Presentation 1	
11:50	Group Presentation 2	
12:10	Group Presentation 3	
12:30	Lunch break	
13:30	Group Presentation 4	
13:50	Group Presentation 5	
14:10	Group Presentation 6	
14:30	Coffee break	
15:00	Certificates Award	SCIENTIFIC SECRETARY

Closing Session - Giambiagi Lecture Hall (AGH) (15:30-16:00)