

Regional Workshop

RADIOLOGICAL CRIME SCENE MANAGEMENT AND INTRODUCTION TO NUCLEAR FORENSICS

22 – 26 August 2011

Daejeon, Republic of Korea

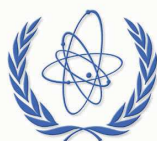
NSF11122

Workshop Agenda

*Office of Nuclear Security
Department of Nuclear Safety and Security*

*Division of Asia and the Pacific
Department of Technical Cooperation*

International Atomic Energy Agency



IAEA

International Atomic Energy Agency

Day 1

Time	Activity	By
09:00 - 09:30	Registration	Republic of Korea
09:30 – 10:30	<p style="text-align: center;">Opening Session</p> <ul style="list-style-type: none"> • <i>Welcome from Republic of Korea</i> • <i>Welcome from IAEA</i> • <i>Workshop Objectives and Methodology</i> • <i>Introductions of Participants and Expert Faculty</i> 	Republic of Korea & IAEA Participants & Expert Faculty
10:30 – 10:45	Coffee Break	
10:45 – 11:15	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> • <i>IAEA Nuclear Security Activities</i> 	David Smith (IAEA)
11:15 – 12:15	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> • <i>Radiation Fundamentals and Basics of Radiation Protection</i> 	Expert from Republic of Korea
12:15 – 13:15	Lunch	
13:15 – 14:15	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> • <i>Overview of Nuclear Security Threats</i> 	David Smith (IAEA)
14:15 – 15:00	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> • <i>Overview of Traditional Crime Scene: Evidence Collection and Analysis</i> 	Thomas Jourdan (UCO)
15:00 – 15:30	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> • <i>Tabletop Exercise - General Briefing</i> 	Thomas Jourdan (UCO)
15:30 – 15:45	Coffee Break	
15:45 - 16:45	<p style="text-align: center;">Tabletop Exercise</p> <ul style="list-style-type: none"> • <i>Part 1 - Processing a Traditional Post-Blast Crime Scene</i> 	Participants & Thomas Jourdan (UCO)
16:45 – 18:00	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> • <i>Radiological Crime Scene Management</i> 	Thomas Jourdan (UCO)

DAY 2

Time	Activity	By
09:00 – 10:00	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> <i>Introduction to Radiation Detection Instrumentation for Radiological Crime Scenes and Nuclear Forensics</i> 	Jon Schwantes (PNNL USA)
10:00 – 10:15	Coffee Break	
10:15 – 12:15	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> <i>Host Country and Participants Briefing</i> 	All
12:15 – 13:15	Lunch	
13:15 – 14:15	<p style="text-align: center;">Presentation</p> <p style="text-align: center;"><i>The Impact of Ionizing Radiation and De-contamination Techniques on Traditional Forensic Evidence</i></p>	David Hill (ANSTO)
14:15 – 15:30	<p style="text-align: center;">Tabletop Exercise</p> <ul style="list-style-type: none"> Part 2 – Threat of a Terrorist Attack 	Participants
15:30 – 15:45	Coffee Break	
15:45 – 16:45	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> <i>Overview of Nuclear Forensics Signatures and Techniques</i> 	Maria Wallenius (ITU)
16:45 – 18:00	<p style="text-align: center;">Tabletop Exercise</p> <ul style="list-style-type: none"> Part 2 – Threat of a Terrorist Attack (continue) 	Participants

DAY 3

Time	Activity	By
09:00 – 10:00	Presentation <i>Case Studies – FBI</i>	Benjamin Garrett (FBI)
10:00 – 10:15	Coffee Break	
10:15 – 11:45	Tabletop Exercise <ul style="list-style-type: none"> <i>Part 3 - Aspects of a Criminal Investigation of Terrorist Actions Involving Radioactive Materials</i> 	Participants
11:45 - 13:00	Lunch	
13:00 – 13:45	Tabletop Exercise <ul style="list-style-type: none"> <i>Part 3 - Aspects of a Criminal Investigation of Terrorist Actions Involving Radioactive Materials (continue)</i> 	Participants
13:45 – 14:45	Presentation <ul style="list-style-type: none"> <i>Nuclear Forensics Case Studies, Part II</i> 	Maria Wallenius (ITU)
14:45 – 15:00	Coffee Break	
15:00 - 15:45	Presentation <ul style="list-style-type: none"> <i>International Agreements for Nuclear Forensics Support</i> 	David Smith (IAEA)
15:45 - 16:30	Presentation <ul style="list-style-type: none"> <i>Communications Following Recovery of Radioactive or Nuclear Material</i> 	Ben Garrett (FBI)
16:30 – 17:45	Tabletop Exercise <ul style="list-style-type: none"> <i>Part 4 - Radiological Incident</i> 	Participants

DAY 4

Time	Activity	By
09:00 - 11:00	<p style="text-align: center;">Tabletop Exercise</p> <ul style="list-style-type: none"> <i>Part 5 - Medical Aspects of a Criminal Investigation Involving Radioactive Materials</i> 	Participants
11:00 – 11:15	Coffee Break	
11:15 – 12:00	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> <i>International Developments: Nuclear Security Summit, GICNT, and ITWG</i> 	Benjamin Garrett (FBI)
12:00 - 13:00	Lunch	
13:00 – 14:00	<p style="text-align: center;">Presentation</p> <ul style="list-style-type: none"> <i>Radiological Case Study: The Demise of A. Litvinenko with Polonium-210 Including the National Response</i> 	David Hill (ANSTO)
14:00 – 16:00	<p style="text-align: center;">Tabletop Exercise</p> <p style="text-align: center;"><i>Part 6 - The Forensic Response to Terrorist Acts Involving Radioactive Materials</i></p>	Participants
16:00 – 16:15	Coffee Break	
16:15 – 17:45	<p style="text-align: center;">Tabletop Exercise</p> <ul style="list-style-type: none"> <i>Debriefing and Evaluation; preparation of Group Alpha, Beta, Charlie, and Delta Presentations for Day 5</i> 	Participants and Thomas Jourdan (UCO)

DAY 5

Time	Activity	By
09:00 - 10:45	<p style="text-align: center;">Video and Discussion</p> <ul style="list-style-type: none"> • <i>“Dirty War”</i> 	Participants
10:45 - 11:00	Coffee Break	
11:00 – 12:00	<p style="text-align: center;">Tabletop Exercise</p> <ul style="list-style-type: none"> • <i>Group Alpha, Beta, Charlie, and Delta Presentations</i> 	Participants & Thomas Jourdan (UCO)
12:00 - 12:45	<p style="text-align: center;">Workshop Evaluation</p> <ul style="list-style-type: none"> • <i>Workshop Questionnaire</i> 	Participants
12:45 - 13:15	<p style="text-align: center;">Closing Session</p> <ul style="list-style-type: none"> • <i>Award of Certificates & Concluding Remarks</i> 	Republic of Korea & David Smith (IAEA)
	End of the Workshop	