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**Location of the Symposium:**

International Atomic Energy Agency  
Vienna International Centre (VIC)  
M Building  
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1400 Vienna, Austria

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Symposium website:

<http://www.iaea.org/safeguardssymposium2010>

**Working Language:** English

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

## TIMETABLE

### Sunday, 31 October 2010

16:00–18:00	Registration	Gate 1
16:30–18:00	Welcome reception	Rotunda, Building C

### Monday, 1 November 2010

08:00	Registration	Gate 1
09:30–12:30	Session 1	Opening plenary Boardroom A
10:30–11:00	Coffee/Tea Break	
12:30–14:30	Lunch Break	
14:30–18:00	Session 2	Technical plenary Boardroom A
16:00–16:30	Coffee/Tea Break	

### Tuesday, 2 November 2010

08:30–11:00		Poster setup
09:30–13:00	Session 3 <i>Oral</i>	Strategic safeguards priorities and activities Boardroom A
09:30–13:00	Session 4 <i>Oral</i>	Nuclear material and environmental sample analysis: New horizons Conference Room M1
09:30–11:00	Session 5 <i>Panel</i>	Life of an inspector in the field Pressroom
11:00–11:30	Coffee/Tea Break - hosted	Rotunda
11:30–13:00	Session 6 <i>Panel</i>	Life of an inspector and analyst in headquarters Pressroom
13:00–16:30	Session 7 <i>Poster</i>	Safeguards implementation - State experiences Building A, M-Wing
13:00–16:30	Session 8 <i>Poster</i>	Safeguards capability development Building A, M-Wing
13:00–16:30	Session 9 <i>Poster</i>	Indicators, forensics and environmental sampling Building A, C-Wing

13:00–14:30 Lunch Break

14:30–18:00	Session 10 <i>Oral</i>	Addressing safeguards challenges in a changing and trans-national world Boardroom A
14:30–18:00	Session 11 <i>Oral</i>	Emerging and future technologies for detecting undeclared activities and material Conference Room M1
14:30–16:00	Session 12 <i>Panel</i>	The Network of Analytical Laboratories - Expansion and reform Pressroom
16:00–16:30	Coffee/Tea Break	
16:30–18:00	Session 13 <i>Forum</i>	State experiences/views on implementation of integrated safeguards Pressroom
18:00–20:00	Reception – hosted	Ground floor, Building M

### Wednesday, 3 November 2010

08:30–11:00		Poster setup
09:30–13:00	Session 14 <i>Oral</i>	Furthering IAEA-State safeguards cooperation Boardroom A
09:30–13:00	Session 15 <i>Oral</i>	All sources information analysis for detecting undeclared activities and material Conference Room M1
09:30–11:00	Session 16 <i>Panel</i>	Challenges relating to the implementation of technologies for detecting undeclared materials and activities Pressroom
11:00–11:30	Coffee/Tea Break - hosted	Rotunda
11:30–13:00	Session 17 <i>Panel</i>	Building support for the safeguards mission Pressroom
13:00–16:30	Session 18 <i>Poster</i>	Information driven safeguards, Building A M-Wing
13:00–16:30	Session 19 <i>Poster</i>	Safeguards by design Building A, M-Wing

13:00–16:30	Session 20 <i>Poster</i>	Safeguards concepts and approaches Building A, C-Wing
13:00–14:30	Lunch Break	
14:30–16:00	Session 21 <i>Oral</i>	Enhancing the organizational culture to prepare for future missions Boardroom A
14:30–18:00	Session 22 <i>Oral</i>	Advanced safeguards approaches for existing fuel cycle facilities Conference Room M1
14:30–16:00	Session 23 <i>Forum</i>	Best practices for establishing, maintaining and improving the effectiveness of an SSAC Pressroom
16:00–16:30	Coffee/Tea Break	
16:30–18:00	Session 24 <i>Oral</i>	Application of forensic techniques to safeguards Boardroom A
16:30–18:00	Session 25 <i>Forum</i>	Furthering effectiveness and efficiency through enhanced IAEA-State co-operation Pressroom
<b>Thursday, 4 November 2010</b>		
08:30–11:00		Poster setup
09:30–13:00	Session 26 <i>Oral</i>	Developing safeguards resources Boardroom A
09:30–13:00	Session 27 <i>Oral</i>	Remote safeguards inspections Conference Room M1
09:30–11:00	Session 28 <i>Panel</i>	Challenges using advanced information technologies for collection and evaluation Pressroom
11:00–11:30	Coffee/Tea Break - hosted	Rotunda
11:30–13:00	Session 29 <i>Panel</i>	Sharing implementation experience and good practices with other verification organizations Pressroom
13:00–16:30	Session 30 <i>Poster</i>	Measurements Building A, C-Wing

13:00–16:30	Session 31 <i>Poster</i>	Monitoring techniques for safeguards Building A, M-Wing
13:00–16:30	Session 32 <i>Poster</i>	Advancements in containment and surveillance Building A, M-Wing
13:00–14:30	Lunch Break	
14:30–18:00	Session 33 <i>Oral</i>	Potential new verification roles in support of arms control and disarmament Boardroom A
14:30–18:00	Session 34 <i>Oral</i>	Safeguards by design - Safeguards for advanced and proliferation resistant nuclear fuel cycle facilities Conference Room M1
14:30–16:00	Session 35 <i>Forum</i>	Identifying the right skills and expertise for the challenges of the 21st century - Where to find them? How to retain them? Pressroom
16:00–16:30	Coffee/Tea Break	
16:30–18:00	Session 36 <i>Forum</i>	Changing organizational culture Pressroom
<b>Friday, 5 November 2010</b>		
10:00–12:00	Session 37	Closing plenary Boardroom A
<b>Display of posters:</b>		
Sessions 7–9:	Tuesday, 2 November 2010 from 13:00 – 16:30 Building A, Ground floor C & M wings	
Sessions 18–20:	Wednesday, 3 November 2010 from 13:00 – 16:30 Building A, Ground floor C & M wings	
Sessions 30–32:	Thursday, 4 November 2010 from 13:00 – 16:30 Building A, Ground floor C & M wings	
<b>Commercial exhibits will be shown in the Rotunda, ground floor, Building C from Monday to Friday, 1–5 November 2010.</b>		

**SUNDAY, 31 OCTOBER 2010**

**16:00–18:00**      **Registration and  
distribution of  
Symposium material**      **Gate 1**

**16:30–18:00**      **Welcome reception**      **Rotunda**

**MONDAY, 1 NOVEMBER 2010**

**08:00**      **Registration and  
distribution of  
Symposium material**      **Building M**

**09:30–12:30**      **SESSION 1**

**OPENING PLENARY**  
**Boardroom A**  
**Conference Room M1 (via CCTV)**  
**Pressroom (via CCTV)**  
**Live streaming to the WWW**

**Session Chair:**    **H. Nackaerts, IAEA**

Technical Secretary: E. Gyane, IAEA

	<i>Speaker</i>	<i>Designating Member State/Organization</i>		<i>Opening presentations and statements</i>
	D. Waller	IAEA		Opening presentation
	H. Nackaerts	IAEA		Opening statement
	S. Vance	INMM		Opening statement
	E. Martikka	ESARDA		Opening statement
<b>10:30–11:00</b>	Coffee/Tea Break			
	G. Evans	Australia		Nuclear non-proliferation and disarmament: Where next?
<b>12:30–14:30</b>	Lunch Break			

**MONDAY, 1 NOVEMBER 2010**14:30–18:00      **SESSION 2**

**TECHNICAL PLENARY**  
**Boardroom A**  
**Conference Room M1 (via CCTV)**  
**Pressroom (via CCTV)**  
**Live streaming to the WWW**

**Session chair and panel moderator: L. Vinhas, Brazil**

Technical Secretary: I. Tsvetkov, IAEA

	<i>Speaker</i>	<i>Designating Member State/Organization</i>		<i>Presentation and opening statements</i>
	J. Cooley	IAEA		Department of Safeguards long-term strategic plan 2012-2023
<b>Panel discussion:</b>				
Department of Safeguards long-term strategic plan				
	<i>Name</i>	<i>Organization</i>		
Panel members	J. Baute	IAEA		
	J. Cooley	IAEA		
	M. Marzo	IAEA		
	N. Muroya	IAEA		
	G. Voigt	IAEA		
	N. Whiting	IAEA		
	S. Zykov	IAEA		
<b>16:00–16:30</b>	Coffee/Tea Break			
<b>Floor discussion with the panel members:</b>				
Moving towards a safeguards system that is fully information driven				

**TUESDAY, 2 NOVEMBER 2010****09:30–13:00****SESSION 3****Strategic safeguards priorities and activities****Boardroom A****Chairperson: J. Casterton, Canada**

Technical Secretary: J. Rissanen, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
342	E. Pujol	IAEA	Methodology for long-range strategic planning in the Department of Safeguards
196	A. Guerreiro	Brazil	Member States' views on the Agency's future - Perceptions from the informal open ended process to discuss the future of the Agency
002	J. Carlson	Australia	Key nuclear verification priorities - Safeguards and beyond
<b>11:00–11:30</b>	Coffee/Tea Break (hosted in the Rotunda)		
096	M. Whitney	USA	Next generation safeguards initiative: 2010 and beyond
295	G. Gonzales	Chile	Safeguards for XXI century: Regional approach
100	K. Budlong-Sylvester	USA	Issues for the development of information driven IAEA safeguards
<b>13:00–14:30</b>	Lunch Break		

**TUESDAY, 2 NOVEMBER 2010****09:30–13:00      SESSION 4****Nuclear material and environmental  
sample analysis: New horizons****Conference Room M1****Chairpersons:    D. Swindle, USA  
                      S. Baude, France**

Technical Secretary: R. Lafolie, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
278	S. Balsley	IAEA	Destructive nuclear material analysis for safeguards: Importance and future trends
214	C. Schmitzer	IAEA	The IAEA's new nuclear material laboratory
159	D. Donohue	IAEA	Environmental sample analysis - Advances and future trends
<b>11:00–11:30</b>	Coffee/Tea Break (hosted in the Rotunda)		
138	D. Fischer	IAEA	The evolution of environmental sampling for safeguards
168	R. Williams	USA	Uncertainty in measurement of isotope ratios by multi-collector mass spectrometry
029	F. Pointurier	France	Recent improvements of actinides trace analysis in environmental samples for nuclear activities detection
<b>13:00–14:30</b>	Lunch Break		

**TUESDAY, 2 NOVEMBER 2010****09:30–11:00      SESSION 5****Panel:              Life of an inspector in the field  
Pressroom**

Technical Secretary: R. Herson, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Panel moderator	M. Aparo	IAEA
Panel members	S. Yatsu	Japan
	S. de Almeida	ABACC
	W. Kahnmeier	EU
	M. Guzman	IAEA
	A. Habjouqa	IAEA
	M. Lieskovsky	IAEA
	J. Russell	IAEA

**11:00–11:30      Coffee/Tea Break (hosted in the Rotunda)****11:30–13:00      SESSION 6****Panel:              Life of an inspector and analyst in  
headquarters  
Pressroom**

Technical Secretary: C. Eldridge, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Panel moderator	R. Wallace	USA
Panel members	V. Braguine	IAEA
	M. Derrough	IAEA
	E. Gyane	IAEA
	M. Pellechi	IAEA
	A. Rialhe	IAEA
	K. Steinmaus	IAEA
	I. Tsvetkov	IAEA

**13:00–14:30      Lunch Break**



**TUESDAY, 2 NOVEMBER 2010****14:30–18:00      SESSION 10****Addressing safeguards challenges in a  
changing and trans-national world****Boardroom A****Chairperson:      S. A. Vorobiev, Russian Federation**

Technical Secretary: A. El Gebaly, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
200	W. Janssens	EU	Innovation in safeguards research and development, and European Union contribution to strengthening the global safeguards system
173	A. Nilsson	IAEA	Safeguards and nuclear security – Synergies, bridges and differences
199	F. Marelli	UNICRI	Chemical, biological, radiological and nuclear risk mitigation: The importance of the regional approach
<b>16:00–16:30</b>	Coffee/Tea Break		
201	C. Collins D. Frantz	USA	Fallout from the Khan network and the clash of national interests
044	P. Schot	IAEA	IAEA experience in collecting trade data to address transnational proliferation concerns
198	R. Wirtz	Germany	Industry contribution to thwart illicit nuclear trade

**TUESDAY, 2 NOVEMBER 2010****14:30–18:00      SESSION 11****Emerging and future technologies for  
detecting undeclared activities and  
material****Conference Room M1****Chairperson:      R. Schenkel, EU**

Technical Secretary: A. Monteith, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
326	J. Whichello	IAEA	Future technologies and challenges for IAEA safeguards
197	S. LaMontagne	USA	An overview of emerging safeguards technologies – A U.S. perspective
099	C. Pickett	USA	Results from the 2010 INMM international containment and surveillance workshop focused on concepts for the 21st century
<b>16:00–16:30</b>	<b>Coffee/Tea Break</b>		
055	T. Kuno	Japan	In-line determination of uranium, plutonium and acidity in spent fuel reprocessing for process monitoring on advanced nuclear material verification
142	D. Reyna	USA	Remote safeguards and monitoring of reactors with antineutrinos
226	S. Abousahl	EU	Nuclear safeguards research and development and innovation at the Joint Research Centre

**TUESDAY, 2 NOVEMBER 2010****14:30–16:00      SESSION 12****Panel:              The Network of Analytical  
Laboratories - expansion and reform****Pressroom**

Technical Secretary: R. Lafolie, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Panel moderator	F. Goutelard	France
Panel members	M. Godoy	Brazil
	M. Magara	Japan
	J. Neuhoff	USA
	Y. Pantelev	Russian Federation
	S. Balsey	IAEA

**16:00–16:30      Coffee/Tea Break****16:30–18:00      SESSION 13****Forum:              State experiences/views on  
implementation of integrated safeguards****Pressroom**

Technical Secretary: N. Wilson, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Forum moderator	E. Martikka	Finland
Forum members	C. Everton	Australia
	M. Kikuchi	Japan
	K.-S. Min	Republic of Korea
	K. Owen	Canada

**18:00–20:00      Hosted reception in Building M, Ground floor**

**WEDNESDAY, 3 NOVEMBER 2010****09:30–13:00**      **SESSION 14****Furthering IAEA-State safeguards  
cooperation****Boardroom A****Chairperson:**      **M. Ennami, Libyan Arab Jamahiriya**

Technical Secretary: P. Moitta, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
218	J. Casterton	Canada	The further evolution of IAEA-SSAC cooperation: SAGSI's considerations
107	A. Sunshine	USA	Defining a "Model SSAC" – A technique for evaluating SSACs and designing beneficial engagement
095	S. Lopatin	Ukraine	Steps of Ukrainian SSAC to integrated safeguards
<b>11:00–11:30</b>	<b>Coffee/Tea Break (hosted in the Rotunda)</b>		
021	M. Hämäläinen	Finland	SSAC at your service: Promoting cooperation between IAEA and Finnish SSAC for safeguards implementation
070	T. Itoh	Japan	Enhanced cooperation between SSAC and IAEA through joint operation of on site laboratory for safeguarding Rokkasho reprocessing plant
230	J. Goncalves	EU	The European Commission cooperative support programme: Activities and achievements
<b>13:00–14:30</b>	<b>Lunch Break</b>		

**WEDNESDAY, 3 NOVEMBER 2010****09:30–13:00**      **SESSION 15****All sources information analysis for  
detecting undeclared activities  
and material****Conference Room M1****Chairperson:**      **M. Burgess, Australia**

Technical Secretary: C. Eldridge, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
145	M. Maybury	USA	Collaborative analysis for information driven safeguards
048	M. Ferguson	IAEA	All-source information acquisition and analysis in the IAEA Department of Safeguards
267	C. Norman	IAEA	The importance of correctness: The role of nuclear material accountancy and analysis in the State evaluation process
<b>11:00–11:30</b>	Coffee/Tea Break (hosted in the Rotunda)		
276	M. Cottee C. Hobbs	United Kingdom	Methods for improving IAEA information analyses by reducing cognitive biases
247	P. Loreaux	France	Advances in radar remote sensing and its application to safeguards
147	G. Danielson	USA	From data to knowledge – Promising analytical tools and techniques (for capture and reuse of corporate knowledge and to aid in the state evaluation process)
<b>13:00–14:30</b>	Lunch Break		

**WEDNESDAY, 3 NOVEMBER 2010****09:30–11:00      SESSION 16****Panel:              Challenges relating to the implementation  
of technologies for detecting undeclared  
materials and activities****Pressroom**

Technical Secretary: A. Monteith, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Panel moderator	K. Mayer	EU
Panel members	V. Bytchkov	Russian Federation
	H. Toivonen	Finland
	N. Wogman	USA
	L. Rockwood	IAEA
	S. Zykov	IAEA
<b>11:00–11:30</b>	Coffee/Tea Break (hosted in the Rotunda)	
<b>11:30–13:00</b>	<b>SESSION 17</b>	
<b>Panel:</b>	<b>Building support for the safeguards mission</b>	
	<b>Pressroom</b>	
Technical Secretary: S. Pullinger, IAEA		
<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Panel moderator	J. Carlson	Australia
Panel members	S. Fernandez	Argentina
	H. Sokolski	USA
	J. Lodding	OPCW
	L. Zerbo	CTBTO
	T. Rauf	IAEA
<b>13:00–14:30</b>	Lunch Break	

**WEDNESDAY, 3 NOVEMBER 2010****14:30–16:00      SESSION 21****Enhancing the organizational culture to  
prepare for future missions****Boardroom A****Chairperson:      R. Howsley, WINS**

Technical Secretary: R. McCullough, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
205	R. Clark	United Arab Emirates	Setting the culture from day one
315	K. Desson	Canada	Organizational culture - why does it matter?
331	K. Dahlgren Persson	Sweden	Having the right organizational culture

**16:00–16:30**      Coffee/Tea Break**16:30–18:00      SESSION 24****Application of forensic techniques to  
safeguards****Boardroom A****Chairperson:      A. Pidduck, United Kingdom**

Technical Secretary: D. Donohue, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
263	K. Mayer	EU	Chasing rainbows: Establishing the history of nuclear material by decrypting information inherent to the material
283	G. Healey	Canada	Trace elements in uranium refining and conversion
171	R. Kips	USA	Investigating chemical and molecular changes in uranium oxyfluoride particles using nano-secondary ion mass spectrometer and micro-Raman spectroscopy

**WEDNESDAY, 3 NOVEMBER 2010****14:30–18:00      SESSION 22****Advanced safeguards approaches for  
existing fuel cycle facilities****Conference Room M1****Chairperson:      M. Kikuchi, Japan**

Technical Secretary: F. Maluta, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
210	P. Friend	United Kingdom	URENCO conference on gas centrifuge enrichment plant safeguards, held in December 2009 - Modern safeguards approaches for enrichment facilities
001	S. de Almeida	ABACC	ABACC's experience in implementing short notice random inspections regime at fuel fabrication plants in Brazil and Argentina
060	N. Miyaji	Japan	Experience of integrated safeguards approach for large-scale hot cell laboratory

**16:00–16:30      Coffee/Tea Break**

049	P. Dighe	India	Quantification of fissile materials by photon activation method in a highly shielded enclosure
307	D. Odulaja	IAEA	Broader use of statistical techniques in the design of advanced safeguards approaches
213	V. Sequeira	EU	Laser-based monitoring of UF6 cylinders



**WEDNESDAY, 3 NOVEMBER 2010****14:30–16:00      SESSION 23****Forum:            Best practices for establishing,  
maintaining and improving the  
effectiveness of an SSAC****Pressroom**

Technical Secretary: R. Stevens, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Forum moderator	A. Vincze	Hungary
Forum members	D. Belemsaga	Burkina Faso
	U. Mirsaidov	Tajikistan
	I. Muhamad	Malaysia
	M. Solichah	Indonesia
	J. Vaclav	Slovak Republic
	R. Zarate	Chile

**16:00–16:30      Coffee/Tea Break****16:30–18:00      SESSION 25****Forum:            Furthering effectiveness and efficiency  
through enhanced IAEA-state  
co-operation****Pressroom**

Technical Secretary: S. Munoz, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Forum moderator	S. Fernandez	Argentina
Forum members	M. Rasweswe	South Africa
	M. Solichah	Indonesia
	S. Tsalas	EU
	O. Peixoto	ABACC

**THURSDAY, 4 NOVEMBER 2010****09:30–13:00      SESSION 26****Developing safeguards resources****Boardroom A****Chairperson:      D. Dickman, USA**

Technical Secretary: R. Barnes, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
299	J. Crete	IAEA	Developing safeguards resources
109	J. Park	Republic of Korea	Supporting to establish the safeguards infrastructure in newcomer countries
019	A. Abdel-Halim	USA	More effective training in countries developing nuclear power
<b>11:00–11:30</b>	Coffee/Tea Break (hosted in the Rotunda)		
108	D. Lockwood	USA	Next generation safeguards initiative: Human capital development programs
085	M. Österlund	Sweden	Strategy for nuclear technology education at Uppsala University
064	M. Suzuki	Japan	Investigating safety, safeguards and security (3S) synergies to support infrastructure development and risk-informed methodologies for 3S by design
<b>13:00–14:30</b>	Lunch Break		

**THURSDAY, 4 NOVEMBER 2010****09:30–13:00      SESSION 27****Remote safeguards inspections****Conference Room M1****Chairperson:      M. Boella, EU**

Technical Secretary: T. Jeffrey, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
211	I. Tsvetkov	IAEA	Remote safeguards inspections: Concept and practicalities
144	M. Whitaker	USA	Information driven inspections
139	B. Boyer	USA	Gas centrifuge enrichment plants – Inspection frequency and remote monitoring issues for advanced safeguards implementation
<b>11:00–11:30</b>	Coffee/Tea Break (hosted in the Rotunda)		
062	S. Yatsu	Japan	The safeguards activities for light water reactors with MOX in Japan - Remote data-driven safeguards
240	P. Schwalbach	EU	Data acquisition systems in large nuclear facilities – Challenges, experiences, solutions
239	K. Schoop	EU	Developments in implementation of remote data transmission
<b>13:00–14:30</b>	Lunch Break		

**THURSDAY, 4 NOVEMBER 2010****09:30–11:00      SESSION 28****Panel:              Challenges using advanced information  
technologies for collection and evaluation****Pressroom**

Technical Secretary: J. Murray, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Panel moderator	M. Maybury	USA
Panel members	M. Björe	Sweden
	P. Laforce	EU
	K. Michel	USA
	N. Samson	France
<b>11:00–11:30</b>	Coffee/Tea Break (hosted in the Rotunda)	
<b>11:30–13:00</b>	<b>SESSION 29</b>	
<b>Panel:</b>	<b>Sharing implementation experience and good practices with other verification organizations</b>	
	<b>Pressroom</b>	
	Technical Secretary: A. Petoe, IAEA	
<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Panel moderator	T. Rauf	IAEA
Panel members	J. du Preez	CTBTO
	J. Lodding	OPCW
	T. Renis	IAEA
<b>13:00–14:30</b>	Lunch Break	

**THURSDAY, 4 NOVEMBER 2010****14:30–18:00      SESSION 33****Potential new verification roles in support  
of arms control and disarmament****Boardroom A****Chairperson:      K. Murakami, Japan**

Technical Secretary: J. Rissanen, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
103	D. Blair	USA	Nexus of technologies: International safeguards, physical protection, and arms control
280	H. Kofstadmoen	Norway	The role of IAEA in multilateral nuclear disarmament verification
033	J. Lodding	OPCW	Disarmament verification – The OPCW experience

**16:00–16:30      Coffee/Tea Break**

204	A. Persbo	United Kingdom	The UK-Norway initiative on nuclear warhead dismantlement verification
333	T. Shea	Nuclear Threat Initiative	The role of the IAEA in a world reducing stocks of nuclear weapons

**THURSDAY, 4 NOVEMBER 2010****14:30–18:00      SESSION 34****Safeguards by design - safeguards for advanced and proliferation resistant nuclear fuel cycle facilities****Conference Room M1****Chairperson:      C. Jorant, France**

Technical Secretary: S. Shawky, IAEA

<i>No of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of paper</i>
190	M. Stein	USA	The role of the industry in safeguards by design
024	O. Okko	Finland	Safeguards by design - Experiences from new nuclear installations
217	F. Sevini	EU	Development of IAEA high-level guidelines for designers and operators - Safeguards by design
<b>16:00–16:30</b>	<b>Coffee/Tea Break</b>		
071	H. Kim	Republic of Korea	Status and prospect of safeguards by design for the pyroprocessing facility
094	A. Roach	United Kingdom	Consideration of safeguards requirements during the design of the URENCO tails management facility
010	J. Whitlock	Canada	Application of safeguards by design to a reactor design process

**THURSDAY, 4 NOVEMBER 2010****14:30–16:00      SESSION 35**

**Forum:**            **Identifying the right skills and expertise  
for the challenges of the 21st  
century - Where to find them?  
How to retain them?**

**Pressroom**

Technical Secretary: M. Akrawy, IAEA

<i>Role</i>	<i>Name</i>	<i>Organization</i>
Forum moderator	C. Monzel	IAEA
Forum members	H.E. Mr. L-E. Lundin	Delegation of the European Commission in Vienna
	P. Goldschmidt	Carnegie Endowment
	D. Goethel	Formerly IAEA/UN
	M. Morichi	BUNM-AREVA
	S. Fernandez	Nuclear Regulatory Authority, Argentina
	D. Lockwood	US DOE, NGS

**16:00–16:30**      Coffee/Tea Break**16:30–18:00      SESSION 36**

**Forum:**            **Changing organizational culture**

**Pressroom**

Technical Secretary: R. McCullough, IAEA

<i>Role</i>	<i>Name</i>	<i>Designating Member State/Organization</i>
Forum moderator	J. Patten	IAEA
Forum members	R. Clark	United Arab Emirates
	K. Dahlgren Persson	Sweden
	R. Howsley	World Institute for Nuclear Security

**FRIDAY, 5 NOVEMBER 2010****10:00–12:00      SESSION 37****CLOSING PLENARY  
Boardroom A****Session chair:    H. Nackaerts, IAEA**

Technical Secretary: C. Mathews, IAEA

<i>Speaker</i>	<i>Designating Member State/Organization</i>	<i>Closing statements and presentations</i>
J. Cooley	IAEA	Best poster awards
J. Carlson	Australia	Symposium highlights
M. Maybury	USA	Information technology and safeguards
H. Nackaerts	IAEA	Closing statement
<b>12:00</b>	<b>CLOSING OF THE SYMPOSIUM</b>	



**POSTER SESSIONS**

Tuesday, 2 November 2010

**13:00–16:30      SESSION 7****Poster session:      Safeguards implementation - State experiences****Building A, M-Wing**

Technical Secretary: C. Mathews, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
004	D. Lobach	Belarus	Trends of safeguards strengthening in Belarus
008	D. Belemsaga	Burkina Faso	Burkina Faso experience in establishing and maintaining an SSAC
012	R. Zarate	Chile	Safeguards in Chile
014	A. Cizmek	Croatia	Croatian support for strengthening international safeguards
053	S. Iso	Japan	Integrated safeguards information system for Japan (ISIS-J) - Strengthening SSAC for enhancing confidence in compliance with safeguards obligations
054	T. Niina	Japan	Recommendations for enhancing implementation of additional protocol declarations
072	M. Corfanenco	Moldova	Implementing of safeguards obligations in the Republic of Moldova
075	T. Soumana	Niger	Synergy between security and safeguards in uranium concentrate export control
076	T. Sekse	Norway	Lessons learned: Experiences with integrated safeguards in Norway
077	S. Khan	Pakistan	IAEA safeguards in Pakistan and emerging issues/challenges
084	J. Vaclav	Slovakia	Safeguards in the Slovak Republic
090	U. Mirsaidov	Tajikistan	Implementation of the safeguards system in the Republic of Tajikistan
253	Z. Stefánka	Hungary	Summary of the results of the Hungarian safeguards support programme to the IAEA
254	A. Vincze	Hungary	Challenging road from comprehensive to integrated safeguards - The Hungarian SSAC's experience and future role
257	E. Franklin Saburido	IAEA	Information driven safeguards: new concepts for implementing the state level integrated safeguards approach for Canada
264	A. Vasmant	IAEA	Safeguards implementation challenges in States with a small quantities protocol

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
272	R. Rodriguez Pulido	Mexico	Actions taken in Mexico directed to meet the requirements of the Additional protocol to the safeguards agreements
286	A. Hameed	Iraq	Implementation of non-proliferation in Iraq legislation activities
292	S. Biramontri	Thailand	Legal authority as a mean to enhance effectiveness and efficiency
304	H. Remagen	Germany	International safeguards in Germany
334	M. Solichah	Indonesia	Implementation of integrated safeguards in Indonesia

**Tuesday, 2 November 2010**

**13:00–16:30      SESSION 8**

**Poster session:    Safeguards capability development**  
**Building A, M-Wing**

Technical Secretary: S. Pickett, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
003	A. Mollah	Bangladesh	Strengthening of organizational infrastructure for meeting IAEA nuclear safeguards obligations: Bangladesh perspective
052	N. Kimura	Japan	Integrated support center for nuclear non-proliferation and security for Asia
087	C. Järnry	Sweden	Generic accounting and reporting software for research reactors
101	M. Rosenthal	USA	Nuclear non-proliferation, safeguards, and security in the 21st century – Brookhaven National Laboratory next generation safeguards initiative courses
111	M. Leek	USA	Progress in addressing safeguards capability development needs through educational outreach and knowledge management
112	K. Gilligan	USA	Safeguards professional development opportunities
234	A. Tomanin	EU	Let us present Nuclear safeguards and security education and training (NUSASET)
288	A. Amirjanyan	Armenia	Strengthening of safeguards implementation in Armenia: Development of nuclear materials database
289	J. Arenas-Carrasco	IAEA	Indicators of nuclear programmes

Tuesday, 2 November 2010

13:00–16:30      **SESSION 9**

**Poster session: Indicators, forensics and environmental sampling**

**Building A, C-Wing**

Technical Secretary: D. Donohue, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
013	C. Jianyong	China	Determination of U isotopic ratios in environmental samples by thermal ionization mass spectrometry
016	M. Sturm	EU	Feasibility study for the development of plutonium reference materials for age dating in nuclear forensics
017	J. Zsigrai	EU	Non-destructive age dating of low-enriched uranium
025	S. Ihantola	Finland	Screening samples with a position-sensitive detection system providing isotope-specific information
032	W. Rosenstock	Germany	Hand-held devices for the detection of clandestine nuclear material on site
034	O. Ross	Germany	Simulations of atmospheric Krypton-85 to assess the detectability of clandestine nuclear reprocessing
036	F. Klingberg	Germany	Simulation of atmospheric noble gas transport to assess sampling procedures for locating unreported reprocessing
037	H. Daerr	Germany	Ultra-trace analysis of Krypton-85
039	N. Lloyd	Germany	'Nuclear Forensic' application of LA-MC-ICP-MS
082	V. Stebelkov	Russian Federation	Occurrence of particle with morphology characteristics which are typical for certain kinds of nuclear activity
083	V. Stebelkov	Russian Federation	Determination of the age of uranium in microparticles by Russian laboratory
134	J. Barefield	USA	Development of laser induced breakdown spectroscopy instrumentation for safeguards applications
177	Z. Mácsik	Hungary	Method development for analysis of single hot particles in safeguards swipe samples
188	M. White	USA	Use of optically-stimulated luminescence methods for safeguards forensics measurements
193	L. Mihailescu	USA	Spectroscopic 3D gamma ray imaging for nuclear safeguards
242	E. Stefaniak	EU	Development of uranium reference particles to support nuclear safeguards

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
256	S. Buerger	IAEA	The range of variation of uranium isotope ratios in natural uranium samples and potential application to nuclear safeguards
259	A. Maddison	IAEA	Going digital: advantages and pitfalls
261	K. Raptis	IAEA	Thermal-ionization mass spectrometry: A strategic analytical technique for safeguards on site laboratories
310	C. Annese	IAEA	Indicators and signatures of the nuclear fuel cycle
339	R. Kosierb	Canada	Direct alpha analysis for forensic samples: Techniques, applications, and results

Wednesday, 3 November 2010

13:00–16:30      **SESSION 18**

**Poster session: Information driven safeguards**

**Building A, M-Wing**

Technical Secretary: Y. Feldman, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
035	D. Konigorski	Germany	Stratospheric platforms for monitoring purposes
041	E. Gyane	IAEA	Information driven safeguards: A country officer's perspective
043	R. Chatelus	IAEA	Trade analysis and safeguards
092	P. Caulfield	United Kingdom	Introduction of counter-proliferation capabilities in developing States
223	S. Laban	CTBTO	Ontology potentials in increasing effectiveness of safeguards and nuclear weapon non-proliferation activities
224	D. Giunta	EU	Integrated space applications: Their benefits for IAEA Department of Safeguards
231	J. Goncalves	EU	Geographic information system based integration and analysis of multiple source information for non-proliferation studies
233	J. Goncalves	EU	Virtual reality based system for nuclear safeguards applications
245	M. Droisy Pericou	France	Indicators in scientific literature
248	P. Loreaux	France	CIAO - CEA software package: A tool to analyze radar images
266	M. Zendel	IAEA	Enhancing and optimizing safeguards implementation by remote safeguards inspections
268	C. Norman	IAEA	Collaborative information analysis in support of state evaluations
296	E. Ippolitov	Russian Federation	The computerized system of automated analysis of open source text information to find indicators of illicit traffic of nuclear and radioactive materials
301	L. Pietranera	Italy	The COSMO-SkyMed very high resolution Synthetic Aperture Radar satellites constellation for Earth observation and its applications in support of monitoring activities
313	G. Cojazzi	EU	Understanding nuclear trade: Data sources and tools
323	T. Lorenz	United Kingdom	Mapping a country's safeguards-relevant research
349	B. Gopaldaswamy	United Kingdom	Exploring the potential of satellite imagery for Comprehensive Test Ban Treaty and Fissile Material Cut-off Treaty verification

**Wednesday, 3 November 2010**

**13:00–16:30 SESSION 19**

**Poster session: Safeguards by design**

**Building A, M-Wing**

Technical Secretary: T. Killeen, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
065	M. Seya	Japan	Needs of advanced safeguards technologies for future nuclear fuel cycle (FNFC) facilities and a trial application of safeguards by design concept to facility design of a hypothetical (FNFC) facility
066	J. Ninagawa	Japan	Experience and achievement on safeguards by design for Pu fuel production facility
068	B. Hoffheins	Japan	Japan-IAEA workshops on advanced safeguards technology for the future nuclear fuel cycle
069	E. Wonder	USA	Facility safeguard-ability analysis in support of safeguards by design
089	M. Åberg-Lindell	Sweden	Safeguards licensing aspects of a future Generation IV test facility – A case study
104	J. Long	USA	A comparison of project engineering aspects and systems engineering incorporating safety, safeguards, and security at multiple facilities in the USA
164	C. Scherrer	USA	Incorporating safeguards by design early in facility design phases
207	N. Prasad	India	Studies for use of low enriched uranium (LEU) along with thorium in advanced heavy water reactor (AHWR-LEU) to enhance the proliferation resistance of fuel
219	T. Ellacott	Canada	Safeguards by design: The Canadian experience
282	K. van der Meer	Belgium	A proliferation assessment of the MYRRHA accelerator driven system
308	K. van der Meer	Belgium	Safeguards for a Generation IV type reactor – Safeguards approach versus design information
322	D. Lockwood	USA	Next generation safeguards initiative “Model” safeguards by design guidance documents

Wednesday, 3 November 2010

13:00–16:30      **SESSION 20**

**Poster session: Safeguards concepts and approaches**

**Building A, C-Wing**

Technical Secretary: A. Hadfield, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
015	A. Tomanin	EU	Pu-breeding feasibility in irradiation channels of research reactors
026	J. Jalouneix	France	Complementarities between nuclear security, safeguards and SSAC
030	A. Jussofie	Germany	German approach to spent fuel management
042	A. Shephard	IAEA	Verification of vitrified high activity waste stored in a Castor HAW 20/28 CG Cask by simulated baseline comparison
056	M. Kikuchi	Japan	The site approach – Lessons learned from the integrated safeguards approach for JNC-1
078	R. Ramirez Quijada	Peru	Safeguards verification as cooperative measure for non-proliferation control in Peru
086	A. Fritzell	Sweden	On the requirement for partial defect measurements prior to final disposal of spent nuclear fuel
093	A. Simpson	United Kingdom	Fast enrichment screening for safeguards applications
116	M. Whitaker	USA	Using process load cell information for IAEA safeguards at enrichment plants
125	C. Orton	USA	Enrichment assay methods for a UF <sub>6</sub> cylinder verification station
126	J. March-Leuba	USA	Fissile flow and enrichment monitor for advanced safeguards applications at gaseous centrifuge enrichment plant
131	K. Miller	USA	A new technique for uranium cylinder assay using passive neutron self interrogation
182	K. Ianakiev	USA	Advanced technology for enrichment monitoring in UF <sub>6</sub> gas centrifuge enrichment plants
184	S. Ward	USA	Integrating programs to improve detection
225	S. Abousahl	EU	Integration of nuclear safeguards and security at the Joint Research Centre
249	M. Richard	France	The ESARDA verification technologies and methodologies working group: Addressing verification challenges globally
250	J. Lausch	Germany	Safeguarding a vitrification facility at the dismantled WAK pilot reprocessing plant



<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
262	D. Rousseau	IAEA	Isotopic separation by laser based technologies: Safeguards related aspects
269	D. Odulaja	IAEA	Challenges in quantifying verification effectiveness under integrated safeguards approaches
275	J. Lodding	OPCW	Best practice for cooperation with national authorities - The Organisation for the prevention of chemical weapons experience
297	T. Krieger	Germany	Sampling the globe: Optimal inspection strategies and detection probabilities
298	I. Niemeyer	Germany	Use of Synthetic aperture radar satellite imagery for geological repositories monitoring
318	M. Gramond	France	Involvement of plant operator in the safeguarding of the shipment of fabricated MOX fuel assemblies: Operator experience
324	E. Lyman	USA	Resolving a safeguards paradox

Thursday, 4 November 2010

13:00–16:30      **SESSION 30**

**Poster session: Measurements**

**Building A, C-Wing**

Technical Secretary: A. Lebrun and A. Belian, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
009	G. Jonkmans	Canada	Muon tomography for imaging nuclear waste and spent fuel verification
022	T. Honkamaa	Finland	Performance of CdZnTe spent fuel attribute tester in verification of different types of boiling water reactor fuel assemblies
023	J. Sand	Finland	Remote optical detection of alpha radiation
031	J. Brutscher	Germany	Concept and development status of the digital upgrade of the mini multi-channel analyser
045	P. Dvornyak	IAEA	Electrically cooled germanium system for measurements of uranium enrichment in UF <sub>6</sub> cylinders
046	Y. Lee	IAEA	Application of smoothed second derivative algorithm for non destructive analysis measurements on irradiated nuclear or non-nuclear materials with high gamma dose
047	V. Nizhnik	IAEA	In situ object counting system technique: Cost-effective tool for non destructive analysis verification activities in the IAEA safeguards
059	H. Nakamura	Japan	Feasibility study of neutron multiplicity assay for a heterogeneous sludge sample containing Na, Pu and other impurities
061	Y. Goto	Japan	Establishment of accurate calibration curve for national verification at a large scale input accountability tank in RRP
088	S. Grape	Sweden	Modelling Cerenkov light from irradiated nuclear fuel assemblies using GEANT4
128	L. Campbell	USA	High-energy delayed gamma-ray spectroscopy for direct measurement of Pu in spent fuel
130	S. Tobin	USA	Determining Pu mass in spent fuel with non-destructive assay techniques – Next generation safeguards initiative research update
132	Y. Ham	USA	PDET - a new tool for partial defect verification of pressurized water reactor spent fuel assemblies
137	V. Mozin	USA	Delayed gamma technique for non-destructive assay
169	G. Havrilla	USA	Monochromatic wavelength dispersive X-ray fluorescence for improved Pu assay

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
174	W. Zhang	Canada	A gamma-gamma coincidence spectrometer for nuclear attribution and safeguard applications
178	D. Henzlova	USA	Neutron data collection and analysis techniques comparison for safeguards
181	L. Nakae	USA	Safeguards verification with time-correlated fast neutron detection
192	G. Martelle	USA	Equipment testing challenges in the IAEA environment
194	M. Rabin	USA	Cryogenic sensors for high-precision safeguards measurements
251	C. Nguyen	Hungary	Improving measurements of time-correlated neutrons from transuranium neutron sources by using a pulse train recorder
252	C. Nguyen	Hungary	Non-destructive measurement of the Pu and U content of inhomogeneous items originating from spent fuel
255	K. Breitenecker	IAEA	Improved detection of actinides by gamma-spectrometry in alpha-gated mode
285	L. Lakosi	Hungary	Verifying enrichment of fresh VVER-440 fuel assemblies and detecting reprocessed uranium content
316	N. Erdmann	EU	COMPUCEA 2nd generation performance evaluation
338	J. Chen	Canada	Detection of partial defects using a digital Cerenkov viewing device

**Thursday, 4 November 2010**

**13:00–16:30      SESSION 31**

**Poster session:    Monitoring techniques for safeguards**

**Building A, M-Wing**

Technical Secretary: E. Smith, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
007	J. Anjos	Brazil	Monitoring nuclear reactors with antineutrino detectors: The ANGRA project
027	T. Lasserre	France	Nucifer: Nuclear reactor safeguards through antineutrinos monitoring
057	A. Takaya	Japan	Technical challenge and demonstration of advanced solution monitoring and measurement system
063	H. Furuta	Japan	Development of advanced monitoring system with reactor neutrino detection technique for verification of reactor operation
074	R. de Meijer	Netherlands	Towards compact antineutrino detectors for safeguarding nuclear reactors
115	A. Raffo-Caiado	USA	Combining measurements with 3D laser scanning system and coded aperture gamma-ray imaging systems for international safeguards applications
119	C. Orton	USA	Advanced process monitoring techniques for safeguarding reprocessing facilities
241	P. Schwalbach	EU	On site laboratories of Euratom – Ten years of excellent results and time to renew
244	C. Antoine	France	Use of geophysical techniques for improving design verification activities
246	M. Fallot	France	Nuclear reactors simulations for unveiling diversion scenarios: Capabilities of the antineutrino probe
258	S. Jung	IAEA	Modern safeguards tools for efficient and effective design information verification
265	B. Wishard	IAEA	The next generation equipment for safeguards
319	R. Kosierb	Canada	Challenges in introducing novel technologies to the IAEA: A Canadian perspective
325	A. Monteith	IAEA	The use of lasers in IAEA safeguards

Thursday, 4 November 2010

13:00–16:30 **SESSION 32**

**Poster session: Advancements in containment and surveillance**

**Building A, M-Wing**

Technical Secretary: C. Martinez, IAEA

<i>No. of Paper IAEA-CN-184</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of poster</i>
118	G. Baldwin	USA	Verifiable process monitoring through enhanced data authentication
124	M. Pinkalla	USA	Secure video surveillance system for unannounced safeguards inspections
140	F. Nekoogar	USA	Ultra-wideband radio frequency identification for safeguard applications
141	R. Ghanbari	USA	Innovative foundations for remote monitoring systems seals
143	G. Baldwin	USA	The development and application of the remotely monitored seal array
175	K. Tolk	USA	Authentication issues in safeguards
187	M. Koskelo	USA	Verification of components and sub-assemblies for containment and surveillance in international safeguards
209	K. Moiseev	Russian Federation	Smart surveillance system
228	M. Chiaramello	EU	Electronic seals developed for security application and their potential application in safeguards
229	J. Goncalves	EU	The ESARDA working group on containment and surveillance: Activities and achievements
260	M. Moeslinger	IAEA	The IAEA's XCAM next generation surveillance system
271	R. Ramirez Guerrero	Mexico	Project to use radio frequency identification technology for remote data-driven safeguards inspections
281	T. Twomey	Ireland	Operational experience with a secondary spectroscopic vehicle portal monitor using high purity germanium detectors
302	G. Pshakin	Russian Federation	Monitoring of the conditions of video cameras of surveillance system

EXHIBITORS	
<b>A.N. Technology Ltd.</b>	<a href="http://www.antech-inc.com">www.antech-inc.com</a>
<b>AMETEK Advanced Measurement Technology (ORTEC)</b>	<a href="http://www.ametek.com">www.ametek.com</a>
<b>Aquila Technologies, Division of MELE Associates</b>	<a href="http://www.meleassociates.com">www.meleassociates.com</a>
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<b>Panatronic Ges.m.b.H.</b>	<a href="http://www.panatronic.at">www.panatronic.at</a>
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<b>Pacific Northwest National Laboratory</b>	<a href="http://www.pnl.gov">www.pnl.gov</a>
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## IAEA PUBLICATIONS RELATED TO THE SYMPOSIUM

IAEA-SVS-13	ISSAS Guidelines Reference Report for the IAEA SSAC Advisory Service	2005
IAEA-SVS-11	Guidelines and Format for Preparation and Submission of Declarations Pursuant to Articles 2 and 3 of the Model Protocol Additional to Safeguards Agreements	2004
IAEA/NVS/3 (CD-ROM)	IAEA Safeguards Glossary	2003
IAEA/NVS/2	The Evolution of IAEA Safeguards	1998
IAEA/NVS/1 (Revised)	Safeguards Techniques and Equipment (2003 Edition)	2003
IAEA-SM-367 (CD-ROM)	Proceedings of the Symposium on International Safeguards Verification and Nuclear Material Security, Vienna, Austria, 29 October – 2 November 2001	2001
STI/DAT/3 (CD-ROM)	Proceedings of the IAEA Symposium on International Safeguards, Vienna, Austria, 13 – 17 October 1997	1999
INFCIRC/540 (Corrected)	Model Protocol Additional to the Agreement(s) between State(s) and the International Atomic Energy Agency for the Application of Safeguards	1997
INFCIRC/153 (Corrected)	The Structure and Content of Agreements between the Agency and States Required in Connection with the Treaty on the Non-Proliferation of Nuclear Weapons	1972
INFCIRC/66/Rev.2	The Agency's Safeguards System (1965, as Provisionally Extended in 1966 and 1968)	1968
INFCIRC/225/Rev.4 (Corrected)	The Physical Protection of Nuclear Material and Nuclear Facilities	1999
INFCIRC/274/Rev.1	The Convention on the Physical Protection of Nuclear Material	1980
STI/PUB/1298	Proceedings of an International Safeguards Symposium held in Vienna, 16-20 October 2006	2006
STI/PUB/1456	Handbook on Nuclear Law: Implementing Legislation	2010

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**2011**

International Symposium on Isotopes in Hydrology, Marine  
Ecosystems, and Climate Change studies  
27 March – 1 April, Monaco

International Conference on Transport Safety and Security: the  
Next Years of Transport - Creating a Safe, Secure and  
Sustainable Framework  
31 October - 4 November, Vienna, Austria

International Conference on Research Reactors: Safe  
Management and Effective Utilization  
4th quarter, Morocco

International Conference on Clinical PET and Molecular Nuclear  
Medicine (IPET-II-2011) - Trends in Clinical PET and  
Radiopharmaceutical Development  
8-11 November, Vienna, Austria

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