### (INSIDE COVER PAGE)

### Organized by the



International Atomic Energy Agency

### In cooperation with

European Police Office

INTERPOL

Joint Research Center, European Commission

Nuclear Threat Initiative

Organization for Security and Co-operation in Europe

UN Counter Terrorism Task Force

United Nations – Office on Drugs and Crime

World Customs Organization

World Institute for Nuclear Security

World Nuclear Transport Institute

### President of the Symposium:

B. Pellaud, Switzerland

### Programme Committee:

Chair: R. Cockerham, USA

Members:

I. Soufi, Morocco C. Torres Vidal, Spain J. Eibenschutz, Mexico A. J. Al-Khatibeh, Jordan

D. Liu, China W. Gehr, UNODC C. Price, UK

V. M. Kutsenko, Russian Federation

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Administrative Support: C. Semper, B. Fischer

C. Manica, M. Barkova

Exhibition Coordination: M. Obauer-de Bruyker

I. Cherkasskaya

### Location of the Symposium:

International Atomic Energy Agency Vienna International Centre (VIC) Building C

IAEA Boardroom UNIDO Boardroom Wagramer Strasse 5 1400 Vienna, Austria

Tel.: (+43 1) 2600 21336 Fax: (+43 1) 2600 29325

Working Language: English

Resolutions: No resolutions may be submitted for

consideration on any subject; no votes will

be taken.

### **TIMETABLE**

SUNDAY, 29 March 2009	SU	IND	AY.	29	March	2009
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MONDAY.	30	March	2009

08:00–10:00 10:00–12:30 10:30–11:00 12:30–14:00	Registration Opening Session IAEA Boardroom Coffee Break Lunch Break	MEAN 1 - 0 - 1
14:00–18:00	Session 1	IAEA Nuclear Security
	IAEA Boardroom	Programme
15:15–15:45	Coffee Break	
17:00-18:00	Panel 1	Challenges
18:00-20:00	Reception	IAEA/UNIDO Boardroom Lounge

18:00–20:00	Reception	IAEA/UNIDO Boardroom Lounge
TUESDAY, 31 M	larch 2009	
09:00–12:30	Session 2 IAEA Boardroom	Legal Framework
10:45–11:30	Coffee Break and Poster Viewing	
11:30-12:30	Panel 2	Implementing the International Instruments Relevant to Nuclear Security
12:30-14:00	Lunch Break	
14:00–18:00	Session 3 IAEA Boardroom	Meeting the Threat of Nuclear Terrorism
15:45-16:15	Coffee Break	
17:00–18:00	Panel 3	Focusing the Effort to Meet the Threat
19:00–21:00	Reception	National Library
	09:00–12:30 10:45–11:30 11:30-12:30 12:30–14:00 14:00–18:00 15:45–16:15 17:00–18:00	TUESDAY, 31 March 2009  09:00–12:30 Session 2 IAEA Boardroom  10:45–11:30 Coffee Break and Poster Viewing  11:30-12:30 Panel 2  12:30–14:00 Lunch Break 14:00–18:00 Session 3 IAEA Boardroom  15:45–16:15 Coffee Break 17:00–18:00 Panel 3

WEDNESDAY, 1	April 2009	
09:00–12:30	Parallel Session 4 IAEA Boardroom	Information Sharing and Collaborative Approaches
10:15–10:45	Coffee Break for Sessi	on 4
09:00–12:30	Parallel Session 5 UNIDO Boardroom	National Initiatives and Efforts
10:45-11:15	Coffee Break for Sessi	on 5
12:30-14:00	Lunch Break	
14:00–17:00	Parallel Session 6 IAEA Boardroom	Materials Out of Regulatory Control: Progress & Challenges I
15:15-15:45	Coffee Break for Sessi	on 6
14:00–17:00	Parallel Session 7 UNIDO Boardroom	Security, Safeguards and Safety Interfaces
15:45-16:15	Coffee Break for Sessi	on 7
17:15 – 18:00	Plenary Session IAEA Boardroom	Discussion of day's presentations

### THURSDAY, 2 April 2009

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09:00–12:00	Parallel Session 8 IAEA Boardroom	Securing Materials and Facilities: Progress and Challenges
10:15–10:45	Coffee Break for Sessi	0
09:00–12:00	Parallel Session 9	Materials Out of Regulatory
10:45–11:15	UNIDO Boardroom Coffee Break for Sessi	Control: Progress & Challenges II on 9
12:00–14:00	Lunch Break	5 5
14:00–17:00	Parallel Session 10	International Initiatives and
	IAEA Boardroom	Efforts
15:15-15:45	Coffee Break for Sessi	on 10
14:00–17:00	Parallel Session 11	Human Resource Aspects of
	UNIDO Boardroom	Nuclear Security Capacity Building
15:45–16:15	Coffee Break for Sessi	· ·
17:15–18:00	Plenary Session IAEA Boardroom	Discussion of day's presentations

### FRIDAY, 3 April 2009

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09:00–11:00	Session 12 IAEA Boardroom	Future Enhancements of Nuclear Security: Private Sector Contributions
11:00–11:30 11:30–12:00	Coffee Break Concluding Session IAEA Boardroom	President's Findings Closing of the Symposium

Posters will be on display throughout the Symposium. Poster authors are requested to be at their posters during coffee breaks Tuesday to Thursday

Exhibitions will be on display throughout the Symposium

SUNDAY, 29	March 2009		
16:00-19:00	Registration		
MONDAY, 30 Marci	1 2009		
08:00-10:00	Registration		
10:00-12:30	Opening Session (IAEA Boardroom)		
	B. Pellaud Switzerland President of the Symposium		
	T. Taniguchi Deputy Director General Head of Department of Nuclear Safety and Security IAEA		
	S. Duarte High Representative Office for Disarmament Affairs (UNODA) United Nations (UN)		
	HE J. Urbina Chairman of the 1540 Committee United Nations (UN)		
10:30-11:00	Coffee Break		
	R. Schenkel Director General Joint Research Center (JRC) European Commission (EC)  K. Baker Principal Assistant Deputy Administrator National Nuclear Security Administration (NNSA) United States of America  E. Sofin Deputy Director General State Atomic Energy Corporation "ROSATOM" Russian Federation  J. Hashmi Chairman Pakistan Nuclear Regulatory Authority (PNRA)  R. Howsley Executive Director World Institute for Nuclear Security (WINS)		
12:30–14:00	Lunch Break		

14:00–18:00	Session 1 (IAEA Bo IAEA Nuclear Secu	pardroom): rity Programme		
Chair: Rapporteur:	P. Jenkins, UK N. Giles, Canada			
No. of Paper IAEA-CN-166/	Name	Designating Member State/Organization		Title of Paper
INV-1	A. Nilsson	IAEA		The IAEA Nuclear Security Role, Activities, Accomplishments and Future Vision
INV-2	J-F. Dodeman	France		French Approach to the Protection of Critical Services – the Nuclear Field
INV-3	R. Raja Adnan	Malaysia		Nuclear Security: National Detection and Response System for Nuclear and Radioactive Materials in Malaysia
15:15–15:45	Coffee Break			
INV-4	T. Lulashnyk	Canada		Learning from the Past and Looking to the Future: Canadian International Nuclear Security Activities
INV-5	Qu Zhimin	China		Nuclear Security in China
077	N. Klos	Ukraine		Prevention of Nuclear Terrorism as an Important Element of National and International Security
17:00-18:00	Panel 1: Challenge	s		
18:00-20:00	Reception hosted by Atomic Energy Age			

## TUESDAY, 31 March 2009

Session 2 (IAEA Boardroom): Legal Framework 09:00-12:30

HE M. E. Skoknic, Chile W. Tonhauser, IAEA Chair:

Rapporteur:	W. Tonhauser, IAEA		
No. of Paper IAEA-CN-166/	Name	Designating Member State/Organization	Title of Paper
INV-6	J. Rautenbach	IAEA	Legal Issues
INV-7	W. Gehr	UNODC	The Global Legal Framework Against Nuclear Terrorism
INV-8	B. Andemicael	UN 1540 Committee	Status of Implementation of UNSC 1540
INV-9	P. Comella	USA	Essential Elements for Implementing a Nuclear Security Regime
INV-10	S. Kumar	Australia	Implementing Nuclear Security within a Federal System of Government - Australian Experience
10:45–11:30	Coffee Break and Pos	ster Viewing	
11:30-12:30	Panel 2: Implementir Instruments Relevan	ng the International It to Nuclear Security	
12:30–14:00	Lunch Break		
14:00–18:00	Session 3 (IAEA Boa Meeting the Threat o		
Chair: Rapporteur:	S. Elegba, Nigeria J. Garcia, Europol		
INV-13	R. Mowatt-Larssen	USA	Preventing Nuclear Terrorism
012	G. Nabakhtiani	Georgia	Security Problems related to Uncontrolled Radioactive Sources in Georgia (Lessons Learned)
046	R. Warren	USA	A Practical Approach to Assessing Nuclear Threats
INV-23	S. Sagan	USA	New Ideas for Strengthening the Design Basis Threat (DBT) Process
15:45–16:15	Coffee Break		
066	J. Facetti	Paraguay	Illicit Trafficking of Nuclear and other Radioactive Material in Paraguay
073	I. Khripunov	USA	Terrorist Threats to Nuclear Facilities and the Role of the Public in Countering Them
035	L. Snoj	Slovenia	Analysis of a Hypothetical Terrorist Action Against a Research Reactor
043	J.L. Regens	USA	Predicting the Magnitude and Spatial Distribution of Potentially Exposed Populations during IND or RDD Terrorism Incidents
17:00-18:00	Panel 3: Focusing th	ne Effort to Meet the Threat	
19:00–21:00	Reception hosted by for Nuclear Security		

INV-15 J. De Baerdemaeker INV-15 J. De Baerdemaeker INV-16 M. Schmitz  10:15–10:45 Coffee Break 090 M. Curry  021 K. Mayer D.K. Smith 058 B. Wieland  09:00– 12:30 Parallel Session 5 (UNID National Initiatives and E Rapporteur: R. Raja Adnan, Malaysia Rapporteur: K. Kovalev  031 R. Ramirez Quijada	Designating Member State/Organization  IAEA  Interpol  WCO  USA  EC  Switzerland  DO Boardroom): Efforts	Title of Paper  Nuclear Security Incident Analysis: Towards an Integrated and Comprehensive Approach  Project Geiger  The role of WCO in Combating Illicit Trafficking of Nuclear and other Radioactive Materials  International Forensics Cooperation: Reviewing Frameworks, Goals and Capabilities  ITWG - A Platform for International Cooperation in Nuclear Forensics  Nuclear Security Information: A Balancing Act between Confidentiality and Transparency
Rapporteur:  R. Cockerham, USA  No. of Paper IAEA-CN-166/  061  R. Hoskins  INV-15  J. De Baerdemaeker  INV-16  M. Schmitz  10:15–10:45  Coffee Break  090  M. Curry  021  K. Mayer  D.K. Smith  058  B. Wieland  09:00– 12:30  Parallel Session 5 (UNID National Initiatives and E Rapporteur:  R. Raja Adnan, Malaysia E. Martikka, Finland  032  K. Kovalev  031  R. Ramirez Quijada	Designating Member State/Organization  IAEA  Interpol  WCO  USA  EC  Switzerland  DO Boardroom):  Efforts	Nuclear Security Incident Analysis: Towards an Integrated and Comprehensive Approach  Project Geiger  The role of WCO in Combating Illicit Trafficking of Nuclear and other Radioactive Materials  International Forensics Cooperation: Reviewing Frameworks, Goals and Capabilities  ITWG - A Platform for International Cooperation in Nuclear Forensics  Nuclear Security Information: A Balancing Act between Confidentiality and
INV-15 J. De Baerdemaeker INV-15 J. De Baerdemaeker INV-16 M. Schmitz  10:15–10:45 Coffee Break 090 M. Curry  021 K. Mayer D.K. Smith 058 B. Wieland  09:00– 12:30 Parallel Session 5 (UNID National Initiatives and E Rapporteur: R. Raja Adnan, Malaysia Rapporteur: K. Kovalev  031 R. Ramirez Quijada	State/Organization  IAEA  Interpol  WCO  USA  EC  Switzerland  DO Boardroom):  Efforts	Nuclear Security Incident Analysis: Towards an Integrated and Comprehensive Approach  Project Geiger  The role of WCO in Combating Illicit Trafficking of Nuclear and other Radioactive Materials  International Forensics Cooperation: Reviewing Frameworks, Goals and Capabilities  ITWG - A Platform for International Cooperation in Nuclear Forensics  Nuclear Security Information: A Balancing Act between Confidentiality and
INV-15 J. De Baerdemaeker INV-16 M. Schmitz  10:15–10:45 Coffee Break 090 M. Curry  021 K. Mayer D.K. Smith 058 B. Wieland  09:00– 12:30 Parallel Session 5 (UNID National Initiatives and E Chair: R. Raja Adnan, Malaysia Rapporteur: E. Martikka, Finland  032 K. Kovalev  031 R. Ramirez Quijada	USA EC Switzerland DO Boardroom): Efforts	Comprehensive Approach Project Geiger The role of WCO in Combating Illicit Trafficking of Nuclear and other Radioactive Materials  International Forensics Cooperation: Reviewing Frameworks, Goals and Capabilities  ITWG - A Platform for International Cooperation in Nuclear Forensics  Nuclear Security Information: A Balancing Act between Confidentiality and
INV-16 M. Schmitz  10:15–10:45 Coffee Break  090 M. Curry  021 K. Mayer D.K. Smith 058 B. Wieland  09:00– 12:30 Parallel Session 5 (UNID National Initiatives and I	WCO  USA  EC  Switzerland  DO Boardroom): Efforts	The role of WCO in Combating Illicit Trafficking of Nuclear and other Radioactive Materials  International Forensics Cooperation: Reviewing Frameworks, Goals and Capabilities  ITWG - A Platform for International Cooperation in Nuclear Forensics  Nuclear Security Information: A Balancing Act between Confidentiality and
10:15–10:45 Coffee Break  090 M. Curry  021 K. Mayer D.K. Smith 058 B. Wieland  09:00– 12:30 Parallel Session 5 (UNID National Initiatives and E. Martikka, Finland  032 K. Kovalev  031 R. Ramirez Quijada	USA  EC  Switzerland  DO Boardroom):  Efforts	Radioactive Materials  International Forensics Cooperation: Reviewing Frameworks, Goals and Capabilities  ITWG - A Platform for International Cooperation in Nuclear Forensics  Nuclear Security Information: A Balancing Act between Confidentiality and
090 M. Curry  021 K. Mayer D.K. Smith 058 B. Wieland  09:00–12:30 Parallel Session 5 (UNID National Initiatives and E Chair: R. Raja Adnan, Malaysia Rapporteur: E. Martikka, Finland  032 K. Kovalev  031 R. Ramirez Quijada	Switzerland  OO Boardroom): Efforts	Capabilities  ITWG - A Platform for International Cooperation in Nuclear Forensics  Nuclear Security Information: A Balancing Act between Confidentiality and
021 K. Mayer D.K. Smith 058 B. Wieland  09:00– 12:30 Parallel Session 5 (UNID National Initiatives and I Rapporteur: R. Raja Adnan, Malaysia E. Martikka, Finland  032 K. Kovalev  031 R. Ramirez Quijada	Switzerland  OO Boardroom): Efforts	Capabilities  ITWG - A Platform for International Cooperation in Nuclear Forensics  Nuclear Security Information: A Balancing Act between Confidentiality and
D.K. Smith  B. Wieland  99:00– 12:30  Parallel Session 5 (UNID National Initiatives and E E. Martikka, Finland  032  K. Kovalev  031  R. Ramirez Quijada	Switzerland  OO Boardroom): Efforts	Nuclear Security Information: A Balancing Act between Confidentiality and
09:00– 12:30 Parallel Session 5 (UNID National Initiatives and E Chair: R. Raja Adnan, Malaysia Rapporteur: E. Martikka, Finland  032 K. Kovalev  031 R. Ramirez Quijada	DO Boardroom): Efforts	
National Initiatives and It Chair: Rapporteur: R. Raja Adnan, Malaysia E. Martikka, Finland  032 K. Kovalev  031 R. Ramirez Quijada	Efforts	
Rapporteur: E. Martikka, Finland  032 K. Kovalev  031 R. Ramirez Quijada	ı	
031 R. Ramirez Quijada		
•	Russian Federation	Regulation of Nuclear Security in the Russian Federation: Implementation and Prospects
0E7 N Shop	Peru	Progress on Regulatory Matters for Reducing the Threat
US/ IN. SHEII	China	Practices on Nuclear Security and International Cooperation
083 M. Khaliq	Pakistan	Pakistan's Nuclear Security Action Plan
10:45–11:15 Coffee Break		
001 L Qafmolla et al.	Albania	The Challenges of Safety and Security of Radioactive Sources in Albania
026 R. Ramirez Guerrero	Mexico	Nuclear Security Actions in Mexico for an Effective Protection System of Nuclear and Radioactive Facilities
065 T. Biro et al.	Hungary	Experience and Recent Developments in Nuclear Forensics at the Institute of Isotopes
12:30–14:00 Lunch Break		

Materials Out of Re	gulatory Control:		
B. Nsouli, Lebanon K. Mayer, EC			
Name	Designating Member State/Organization		Title of Paper
J. Sharaf	Jordan		Activities of Jordan in detecting and responding to radioactive materials out of regulatory control
M. Wittrock	USA		Model Guidelines Document / Nuclear Detection Architectures
L. Kagan, A. Stavrov	Belarus		Some Lessons Learned from Developing, Testing and Using Border Monitoring Equipment for the Last Decade
Coffee Break			
N. Bello	Nigeria		International Cooperation for Nuclear Safety and Security - The Nigerian Experience
F. Mariotte et al.	France		French Emergency Response Against Nuclear and Radiological Terrorism
W. Rosenstock	Germany		Recent Improvements in On-Site Detection and Identification of Radioactive/Nuclear Material
Parallel Session 7 ( Security, Safeguard	UNIDO Boardroom): Is and Safety Interfaces		
P. Frigola, EC C. Price, UK			
W. Dean et al.	USA		U.S. Nuclear Regulatory Commission Efforts to Improve the Safety – Security Interface
J. Jalouneix	France		Compatibility of Safety and Security
F. MacLean et al.	EC		The Euratom Treaty and The 3S Approach
Z. Ilyas	Indonesia		Nuclear Regulatory Policy Concept on Safety, Security, Safeguards and Emergency Preparedness (3S+EP)
Coffee Break			
J. Jalouneix	France		Complementarities between Nuclear Security, Safeguards and State System of Accountancy for and Control
P. Karhu et al.	Finland		Safety, Security and Safeguards on a Joint Mission
T. A. Bjornard	USA		Safeguards-by-Design: 3S Integration
	Materials Out of Re Progress & Challen B. Nsouli, Lebanon K. Mayer, EC  Name  J. Sharaf  M. Wittrock L. Kagan, A. Stavrov  Coffee Break N. Bello  F. Mariotte et al. W. Rosenstock  Parallel Session 7 (Security, Safeguard P. Frigola, ECC. Price, UK  W. Dean et al. J. Jalouneix F. MacLean et al. Z. Ilyas  Coffee Break J. Jalouneix P. Karhu et al. T. A. Bjornard  Plenary Session (IA	K. Mayer, EC  Name Designating Member State/Organization  J. Sharaf Jordan  M. Wittrock USA L. Kagan, Belarus A. Stavrov  Coffee Break  N. Bello Nigeria  F. Mariotte et al. France W. Rosenstock Germany  Parallel Session 7 (UNIDO Boardroom): Security, Safeguards and Safety Interfaces  P. Frigola, EC C. Price, UK  W. Dean et al. USA  J. Jalouneix France F. MacLean et al. EC Z. Ilyas Indonesia  Coffee Break  J. Jalouneix France  P. Karhu et al. Finland	Materials Out of Regulatory Control: Progress & Challenges I  B. Nsouli, Lebanon K. Mayer, EC  Name  Designating Member State/Organization  J. Sharaf  Jordan  M. Wittrock  USA  L. Kagan, A. Stavrov  Coffee Break  N. Bello  Nigeria  F. Mariotte et al.  France W. Rosenstock  Germany  Parallel Session 7 (UNIDO Boardroom): Security, Safeguards and Safety Interfaces  P. Frigola, EC C. Price, UK  W. Dean et al.  USA  J. Jalouneix  France  F. MacLean et al.  EC  Z. Ilyas  Indonesia  Coffee Break  J. Jalouneix  France  P. Karhu et al.  Finland  T. A. Bjornard  USA  Plenary Session (IAEA Boardroom):

THURSDAY,	, 2 April 2009		
09:00-12:00	Parallel Session 8 (IAE Securing Materials and Progress and Challeng	l Facilities:	
Chair: Rapporteur:	L. de Carvalho Conti, E A. Kim, Kazakhstan	Brazil	
No. of Paper IAEA-CN-166/	Name	Designating Member State/Organization	Title of Paper
027	G. Shaw	Australia	Security for the Uranium Industry: A Challenge for Operator and the Regulator
074	C. Hansell et al.	USA	Building Momentum to Minimize Highly Enriched Uranium Use, Improve Nuclear Security and Combat Nuclear Terrorism
092	V. Prostakov	Russian Federation	Optimization of Activities Purposed to Enhance the Security of Nuclear Materials and Installations
10:15–10:45	Coffee Break		
052	P. Staples	USA	Global Threat Reduction Initiative's Reactor Conversion Programs Cooperation Methodologies and Approaches
006	M.A. Belemsaga et al.	Burkina Faso	A New Regulatory Authority for the Control of Nuclear Security and Radiation Protection in Burkina Faso
062	I. Badaway	Egypt	An Integrated Approach for Securing a Nuclear Power Plant for Electricity Generation
072	O. Reistad et al.	Norway	Examining Self-Protection Requirements: Methods to Improve Security of HEU Materials
09:00–12:00	Parallel Session 9 (UNIDO Boardroom): Materials Out of Regulatory Control: Progress & Challenges II To be announced A. J. Al-Khatibeh, Jordan		
Chair: Rapporteur:			
013	K. Mayer et al.	JRC/EC	Data Interpretation in Nuclear Forensics
039	W. Buckley	USA	The Importance of Technical Reachback in the Adjudication of Radiation Alarms
023	M.N. Maouad	Lebanon	Nuclear Security Projects Related to Border Control in Lebanon

			Alarms
023	M.N. Maouad H.J. Nasr	Lebanon	Nuclear Security Projects Related to Border Control in Lebanon
016	E.A. Kroeger	Germany	Joint Exercises and Training of Law Enforcers and Radiation Protection Advisors for the Defence against Nuclear Hazards in Germany - Experience Gathered at the Federal Level
10:45–11:15	Coffee Break		
075	L. de Mello et al.	Brazil	Evolution of Nuclear Security Regulatory Activities in Brazil
042	V.D. Petrenko et al.	Uzbekistan	Radiation Monitoring at the Borders - Important Part of Nuclear Security
080	M. Naumenko	Belarus	Contemporary Approaches of Practical Work in the Field of Preventing Illicit Trafficking of Nuclear and Radioactive Materials at the Border
12:00-14:00	Lunch Break		

14:00–17:00	Parallel Session 10 (IA International Initiatives		
Chair: Rapporteur:	I. Soufi, Morocco To be announced		
No. of Paper IAEA-CN-166/	Name	Designating Member State/Organization	Title of Paper
INV-20	D. Huizenga	USA	Beyond Guns, Gates, and Guards
INV-21	F. Harrison	UK	Countering Proliferation –The UK Global Threat Reduction Programme
INV-22	L. Vez Carmona	IAEA	IAEA Coordination with other International Initiatives Relevant to Nuclear Security
15:15–15:45	Coffee Break		
044	M. Stafford	USA	NSOI: Enhancing International Assistance to Combat Illicit Trafficking of Nuclear and Radioactive Materials
064	S. Abousahl P. Frigola	EC	The JRC Support to EU Policy in the Field of Nuclear and Radiological Security
063	T. Wuchte	USA	International Initiatives and Efforts: UNSCR 1540
007	V. Berthou	EC	Cooperative projects in the Nuclear Security area with CIS countries
14:00–17:00	Parallel Session 11 (UI Human Resource Aspo Nuclear Security Capa	ects of	
Chair: Rapporteur:	R. Perl, OSCE To be announced		
088	A. Braunegger-Guelich	IAEA	IAEA Nuclear Security Human Resource Development Program
008	E. Melamed et al.	USA/IAEA/EC	International Joint Efforts To Address Training Needs In Nuclear Security
040	K.L. De Castro	USA	Key Elements of a Nuclear Security Culture Enhancement Program
037	J. Saunders	UK	Enhanced Radiological Detection Instrument Training
15:45–16:15	Coffee Break		
094	N.Geraskin et al.	Russian Federation	Experience in Development and Specific Features of the Nuclear Security Educational Programs
087	C. Duncan	USA	Russian University Education in Nuclear Safeguards and Security
089	A. Fataftah	League of Arab States	Nuclear Security Education and Training at NAUSS
17:15–18:00	Plenary Session (IAEA Discussion of day's pr		

### FRIDAY, 3 April 2009

09:00-11:00

Session 12 (IAEA Boardroom): Future Enhancements of Nuclear Security:

**Private Sector Contributions** 

M. Brière, France B. Wieland, Switzerland Chair: Rapporteur:

No. of Paper IAEA-CN-166/	Name	Designating Member State/Organization			Title of Paper
093	V. Goltsov V. Limonayev	Russian Federation			JSC "Atomenergoprom" Efforts to Establish PP Corporative Standards in Developing Effective Approaches to PP of NPP Under Construction
084	P. Friend A Keizer	UK			A Methodology for Self-assessment of Nuclear Security Risks
017	F. Lall	India			Design and Operational Provisions for Nuclear Security in India
036	T. Dixon	WNTI	Security in the Transport of Radioact		Security in the Transport of Radioactive Materials
055	E. Bondaruk D. Howell	USA		GTRI/Industry Technical Cooperation to Reduce Nuclear at Risk	
050	D. Finker	USA			The Role of the Nuclear Industry in Advancing Nuclear Security Instrumentation
11:00–11:30	Coffee Break				

11:30-12:00 President's findings

Closing of the Symposium

### **POSTERS**

Posters will be on display throughout the Symposium. Poster authors are requested to be at their posters during coffee breaks Tuesday to Thursday

### Rapporteur: To be announced

No. of Paper IAEA-CN-166/	Name	Designating Member State/Organization	Title	of Paper
002/P	A-M Eriksson Eklund, P. Ellis, R. Rawl	IAEA/Australia/USA	Trans	sport Security of Radioactive Material
003/P	A.S. Mollah	Bangladesh	Secu	rity of Radioactive Sources and Nuclear Materials in Bangladesh
014/P	Z. Varga, E. Keegan, M. Wallenius, K. Mayer	European Commission	Inves	stigation of Selected Trace Elements as Nuclear Forensic Signatures
018/P	S. B. Utami	Indonesia		enges to Implementation on Security of Radioactive Sources for icing the "Radiological" Threat in Indonesia by Regulation
020/P	L. Y. Pandi	Indonesia	Regu	llation on Nuclear Materials in Indonesia
022/P	M. Roumie, B. Nsouli	Lebanon		view of the Nuclear Security Infrastructure in Lebanon: Improvement Needs
025/P	R. Andriambololana, J.L.R. Zafimanjato et al.	Madagascar	Statu	s of Safety and Security of Radioactive Sources in Madagascar
033/P	M. Cojbasic	Serbia	Fram	nework for Nuclear Security System in Serbia
034/P	J. Vaclav	Slovak Republic	Nucle	ear Security in the Slovak Republic
045/P	W. Dean, P. Holahan, R.C. Johnson	USA		luclear Regulatory Commission Force-on-Force Inspections at ear Power Plants
047/P	G. Pangburn	USA	US R	legulatory Initiatives in Enhancing Security of Radioactive Material
049/P	P.C. Durst, M. Schanfein	USA		Concept of a National Tracking Center for Monitoring Shipments of , MOX and Spent Nuclear Fuel
051/P	P. O'Brian, T. Wright, J. Tuttle, M. Hazel et al.	USA	Creat Struc	ting a Comprehensive, Efficient and Sustainable Nuclear Regulatory ture
053/P	I. Iliopoulos	USA	US D	omestic Security Upgrades to Reduce Security Risk
068/P	R. Kosierb et al.	Canada	Direc	t Alpha Analysis for Forensic Samples (DAAFS)
069/P	R. Kosierb et al.	Canada		r Induced Breakdown Spectroscopy (LIBS) Use in Nuclear Security Compliance
076/P	L. de Mello, J. Monteiro Filho, L.Belem, L. Torres	Brazil		ear Security in Major Public Events: The XV Pan-American Games he III Para Pan-American Games
078/P	R. Paci	Albania	Secu	rity System of Radioactive Sources in Albania
079/P	Khairul	Indonesia		mplementation of Nuclear Security Program and the Improvement of ical Protection in Indonesia: Progress and Challenges
091/P	A. Izmaylov	Russian Federation		atom» Sites Vulnerability Analysis and Assessment of their Physical action Effectiveness - Methodology and «Tools»
086/P	R. Elwood, J. Boyd; C. Duncan, D. Hyde, et al.	USA		ear Safeguards and Security: Analytical Evaluation of Material Control Accountability Systems

No. of Paper IAEA-CN-166/	Name	Designating Member State/Organization	Title of Paper
095/P	T. Hinton, R. Abedin-Zadeh, P. Colgan	IAEA	IAEA and Nuclear Forensics
096/P	M. Ghelman, A. Osovizky, E. Marcus, D. Ginzburg et al.	Israel	Improving the Detecting Performances of Radiation Portal Monitors using Matched Filter Algorithm
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098/P	K. Burmester	IAEA	IAEA/EU Joint Action — Partnership in Improving Nuclear Security
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8-12 June, Vienna, Austria

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Int'l Conference on Fast Reactors and Related Fuel Cycles - Challenges and Opportunities
7-11 December, Kyoto, Japan

Int'l Conference on Effective Nuclear Regulatory Systems

14-18 December, Capetown, South Africa

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