# Agenda for the Third Technical Meeting on Radiation Detection Instrument for Nuclear Security: Trends, Challenges and Opportunities

Vienna, Austria 14 – 18 August, 2023

### Monday, 14 August 2023

Time	Room	Session	Speaker	Country/Organization
8:00 - 9:00		Registration		
9:00 - 9:30		Welcome and Opening Session		
			Itimad Soufi	MORC/NSNS/IAEA
		Welcome and Opening Remarks	Section Head Of Material Out of Regulatory Control	
			Alina Smyslova	USA/Office of Nuclear Smuggling Detection & Deterrence, National Nuclear Security Administration,
	M1 PLENARY	Message from Co-Chairs of the Meeting	Deputy Program Director of Sustainability	United States Department of Energy
	ROOM		May Ong Bee Leng	Singapore/CBRNE Centre of
			Director for Chemical, Biological, Radiological Nuclear and Explosives (CBRNE)	Expertise, Capability Development, Home Team Science and Technology Agency/Singapore
		Message and TM Overview from Scientific Secretary	Charles Massey Detection Science and Technology Team Lead (DST)	MORC/NSNS/IAEA
9:30 - 10:00	]	Past, Present and Future of Radiation Detection Equipment: The Candle to The Light	David Makharadze	IAEA Consultant
10:00 - 10:30		Emerging Technologies for the Detection of Security Sensitive Materials	May Ong Bee Leng	Singapore
10:30 - 11:00		Coffee B	reak	
		Plenary: 1.0 Current Status from Member State Perspectives	Track Chair - Ung Eang	Cambodia
			Rapporteur - Seng Sovath	Cambodia
11:00 - 11:30	M1 PLENARY ROOM	1.0.1 Advancing Radiation Alarm Assessment and Anomaly Detection with IAEA TRACE Desktop Tool at Laem Chabang Seaport	Yanapan Hao	Thailand
11:30 - 12:00	NOO!VI	1.0.2 Tunisian Customs Experience in Detection and Combatting Radioactive Sources	Jendli Baghidadi	Tunisia
12:00 - 12:30		1.0.3 Challenges in the Development of Radiation Detection Instrumentation in Indonesia as an Archipelago Country	Sihana Sihana	Indonesia
12:30 - 14:00		Lunc	h	
14:00 - 14:30		1.0.4 Challenges and Opportunities Presented by Emerging Threats and Technologies	Paul Johns	USA
14:30 - 15:30	1	Panel Discussion: Planting the Technical Seeds	Charles Massey (Moderator) Lloyd Firth (Rapporteur)	DST Team Leader/IAEA USA
	M1 PLENARY		May Ong Bee Leng	Singapore
	INIT LEGINAL			
	ROOM		Ung Eang	Cambodia

Time	Room		Session	Speaker	Country/Organization
				Jean Galy	EC
				Arome Kingsley	IAEA
				Sihana Sihana	Indonesia
15:30 - 16:30		Vendor Brief Introduction			
16:30		•	Reception by IA	EA	

### Tuesday, 15 August 2023

Time		Session	Speaker	
9:00 - 9:10		Summary of Day 1/Day 2 Program and Introduction of Track Chairs and Plenary Speakers	S Alina Smyslova	Co-Chair
		Plenary: 2.0 MS Experience and Current Status of Radiation Detection Instrument	Track Chair - Yanapan Hao	Thailand
			Rapporteur - Mona Abdelghany	Egypt
9:15 - 9:45		2.0.1 ITDB	Wilhelm Mandl	INMA/NSNS/IAEA
		2.0.2 IAEA Activities Related to The Management of Exposure due to the Presence of Radionuclides in Non-Food Commodities	Danila Carrijo Da Silva Dias	NSRW/IAEA
9:45 - 10:15		2.0.3 Front Line Officers' (FLOs) Challenges in the Use Of Handheld Radiation Detection Equipment	Dritan Prifti	Albania
	=	Introduction of Topical Sessions and Session Chairs	Track Chair - Yanapan Hao	Thailand
10:15 - 10:45		Coffee Bi		
10:45 - 12:00		Topical Session: MS Experience and Current Status of Radiation Detection Instrument		
		2.1 Border Detection - Trade Facilitation	Session Chair - Chonlargan Iamsumang	Thailand
			Rapporteur - Mathapelo Silase	Lesotho
10:45 - 11:00		2.1.1 Use of RPMs Alarm Assessment Process to Ensure Safe and Secure Trade: Experiences of Chittagong Sea Port, Bangladesh	AKM Saiful Islam Bhuian	Bangladesh
11:00 - 11:15	PRESS ROOM	2.1.2. Botswana Experience in the Strengthening Border Security using Detection Instruments	Modise Tladi	Bostswanna
11:15 - 11:30		2.1.3. Cambodia's Experiences in the Detection of Nuclear and Other Radioactive Material Out of Regulatory Control	Seng Sovath	Cambodia
11:30 - 11:45		2.1.4. Emergency Management of Nuclear and Radiological Events in Slovakia	Klara Richtarechova	Slovakia
11:45 - 12:00		Q&A and Discussion		
		2.2 Experience with Radiation Detection Instrument - The Use and Sustainability	Session Chair - Jendli Baghidadi Rapporteur - Syaza Amira Zulkeplee	Tunisia Malaysia
10:45 - 11:00		2.2.1. Current Status of Radiation Detection Instruments: A Case Study of Radiation Portal Monitors	James Phiri	Zambia
11:00 - 11:15	I IVIA	2.2.2 Uganda's Experiences with the Detection of Nuclear and Other Radioactive Material during the Response to Management of Major Public Event	John Kisaakye	Uganda
11:15 - 11:30		2.2.3 Virtual Radiation Source Simulation System	Karoly Bodor	Hungary
11:30 - 11:45		2.2.4. Advancing Radiation Detection Equipment for Detecting Nuclear and Other Radioactive Material out of Regulatory Control	Nadia Helal	Egypt
11:45 - 12:00		Q&A and Discussion		
		2.3 Handheld and Secondary Inspections - SOP	Session Chair - Dritan Prifti	Albania
10:45 - 11:00	M6	2.3.1.Spectroscopic Limitations of Hand-Held γ-Spectrometers	Alexandra Ioannidou	Greece
11:00 - 11:15		2.3.2. Radiation Detection Instruments and Use	Aleksandra Stojanova	North Macedonia

Time	Room	Session	Speaker	Country/Organization
11:15 - 11:30	MC	2.3.3. Gamma Spectrometric Methods for Uranium Isotopic Enrichment Analysis and Implication of Peak Interference for SNM Categorization in RIIDs	Haluk Yücel	Turkey
11:30 - 11:45	M6	2.3.4. Knowledge Sharing from Congo on the Use of Detection Equipment.	Aimé Mouamba Ngabikina	Congo
11:45 - 12:00		Q&A and Discussion		
12:00 - 13:30		Lunch		
		Plenary: 3.0 Emerging Technologies and Threats	Track Chair - Paul Johns Rapporteur - Kristedjo Kurnianto	USA Indonesia
		Introduction of Plenary speakers	Track Chair - Paul Johns	USA
13:30 - 13:50		3.0.1 Use of Uncrewed Aerial Systems (UAVs) for Radiation Detection and Surveillance	Lucie Fiserova	Czech Republic
13:50 - 14:10	M1 PLENARY ROOM	3.0.2 Emerging Technology Policy Issues: How to be Influential	George Moore	USA
14:10 - 14:30	_	3.0.3 Nuclear Security Implications for Artificial Intelligence (AI) and Machine Learning (ML)	Charles Massey	IAEA
	-	Introduction of Topical Sessions and Session Chairs	Track Chair - Paul Johns	USA
	1	Topical Session: Emerging Technologies and Threats	Cassian Chair I i Bi	F
		3.1 Emerging Technologies and Threats I - UAV Tech	Session Chair - Louise Bien Rapporteur - Remy Bana	France Rwanda
14:30 14:45		3.1.1 Challenges with Transport of Radiation Detection Instruments and UAV's	Louise Bien	France
14.50 14.45			Louise Bieff	ridiice
14:45 - 15:00	PRESS ROOM	Maraysian Nuclear Agency	Nur Aira Abd Rahman	Malaysia
15:00 - 15:15		3.1.3 Coded Aperture g-Camera for Characterization and Localization of Radioactive Hot Spots: A Wannabe Passenger for Uncrewed Aerial Vehicles	loannis Kaisas	Greece
15:15 - 15:30		3.1.4 Development and Performance of Airborne gamma-Ray Spectrometry Based on Unmanned Aerial Vehicles in KAERI	Yong-Yong Ji	Republic of Korea
		3.2 Emerging Technologies and Threats II - CFSI & Other Challenges	Session Chair - Md. Dulal Hossain	Bangladesh
			Rapporteur - Austin Hammer	IAEA
14:30 14:45		3.2.1 Nuclear Security Risk Governance of CFSI within Supply Chain in the Perspective of Bangladesh: Trends, Challenges, and Opportunities	Md. Dulal Hossain	Bangladesh
14:45 - 15:00	M4	3.2.2 Procurement Process in the Light of Nuclear Security Implications of CFSIs	Mirjana Cujic	Republic of Serbia
15:00 - 15:15		3.2.3 Mitigation of Counterfeit and Suspect Radioactive Material during Its Circulation	Amany Arafa	Egypt
15:15 - 15:30		3.2.4 Security Regime for Transport of Sealed Radioactive Sources	Nadia Mostafa Mohamed Nawwar	Egypt
		3.3 Emerging Technologies and Threats III - Deployment and Country Challenges	Session Chair - Ritah Chimusibe	Zimbabwe
			Rapporteur - Ovidiu-Teodor Matica	Romania
14:30 14:45		3.3.1 Challenges and Opportunities Presented by Emerging Threats and Technologies	Ritah Chimusibe	Zimbabwe
14:45 - 15:00	M6	3.3.2 Fortifying National Nuclear Security: Empowering Tanzania's Response to Nuclear Threats and Incidences	Remigius Ambrose Kawala	Tanzania
15:00 - 15:15	IVIO	3.3.3 Deployment of Technologically Advanced Radiation Detection Instruments for Controlled Movement of Nuclear and Other Radioactive Materials Out of Regulatory Control across Nigeria's Land Borders for Optimized Nuclear Security: Challenges and Opportunities.	Ifeanyi James Okonkwo	Nigeria
15:15 - 15:30		3.3.4 Enhancing Nuclear Security in Nigeria: Current Trends, Challenges, and Opportunities in Radiation Detection Instruments	Chinonso Nwagboso	Nigeria

Time	Room	Session	Speaker	Country/Organization
15:30 - 16:00		Coffee Br	eak	
16:00 - 16:50		Group Discussions: Identify 5 Gaps (Priority Order) and IAEA Activities (CRP, Webinar, Technical Meeting,, with Specific Title) for the Session Topics.	Facilitator	Rapporteur
	M0E100	1. Use and Threats of Uncrewed Systems	Louise Bien (France)	Remy Bana (Rwanda)
	M0E79	2. Uncrewed System Sensors	Lucie Fiserova (Czech Republic)	Ovidiu-Teodor Matica (Romania)
	M0E7	3. CFSI	Amany Arafa (Egypt)	Austin Hammer (IAEA)
	M6	4. AI & ML for Passive NSDA Systems (e.g. RPM Profile Signature Analysis)	David Makharadze (IAEA Consultant)	Paul Johns (USA)
	M0E5	5. AI & ML for Active NSDA Systems (e.g. X-Ray Image Analysis)	Dan Weidinger (USA)	Mike Demboski (USA)
	M0E3	6. Policy and Regulatory Gaps	George Moore (USA)	Dianne Lalla-Rodrigues (Antigua and Barbuda)
17:00 - 17:30		Group Out Briefings		`
		Moderated by Track Chair Mr Johns, Rapporteur Eran Vax		
		Presentations by session facilitator or rapporteur		
		1. Use and Threats of Uncrewed Systems		
	M1 PLENARY	2. Uncrewed System Sensors		
	ROOM	3. CFSI		
		4. AI & ML for Passive NSDA Systems (e.g. RPM Profile Signature Analysis)		
		5. AI & ML for Active NSDA Systems (e.g. X-Ray Image Analysis)		
		6. Policy and Regulatory Gaps		
17:30-17:40		Paul Johns, Track Chair, Concluding Remarks		
17:4	5	Poster Session and Reception		
		P1: Real-Time Environmental Radiation Monitoring Based on Locally Developed Low- Cost Device and Unmanned Aerial Vehicle	Folifack Signing, Vitrice Ruben	Cameroon
		P2: Structural Analysis and Performance Evaluation of $\rm Li_2O-Al_2O_3-B_2O3$ Matrix for Immobilizing Radioactive Waste: Insights from Tin Slag Compositions and $\rm Al_2O_3$ Content	Nor Ezzaty Ahmad	Malaysia
		P3: Evaluation of The Reliability and Performance of Detection Equipment Before and After Calibration under Lab and Field Conditions	Kwame Appiah	Ghana
		P4: Radioecological Baseline Study and Assessment of Iodine-131 Presence in the Environment of Sidi Thabet, Tunisia: Pre- and Post-Fukushima Analysis	Ben Tekaya Malik	Tunisia
		P5: Mauritania's Experience in Managing and Maintaining the Radiation Detection Instruments	Mohamed Mahmoud Elmounja	Mautitania
		P6: Present State, Obstacles and Forthcoming Prerequisites for The First Locally- Developed Survey Meter in Malaysia	Nur Aira Abd Rahman	Malaysia
		D1: NSDD Tool		USA
		D2: Radiation Simulator Demo		Hungary
		D3: Alarm Assessment Applications - TRACE mobile and PAAT		IAEA

# Wednesday, 16 August 2023

Time		Session	Speaker	
9:00 - 9:15	M1 PLENARY	Summary of Day 2/Day 3 Program and Introduction of Track Chairs and Plenary Speakers	s May Ong Bee Leng	Co-Chair
J.00 J.13	ROOM	Sammary of Bay 27 Bay 3 110gram and incroduction of Track Chairs and Flemary Speakers	a way ong bee teng	CO CHAII
	Plenary: 4.0 Challenges and Opportunities on Network and Communication Systems Track Chair - Kwame Appiah		Track Chair - Kwame Appiah	Ghana
		for Radiation Detection Instruments	Rapporteur - Mike Demboski	USA
9:15 - 9:25		Opening comments with Network & Comm TM Brief	Jenkins Kelly	IAEA
9:25 - 9:55	M1 PLENARY	4.0.1 Pigeon to Starlink	David Makharadze	IAEA Consultant
0.55 10.15	ROOM	4.0.2 Opportunities and Challenges in Implementing Networking and Communication	Kwame Appiah	Ghana
9:55 - 10:15		Systems for Nuclear Security Detection Instruments in Ghana		

Time	Room	Session	Speaker	Country/Organization
0:15 - 10:45		Coffee B	Preak Preak	
		Topical Sessions: Challenges and Opportunities on Network and Communication System	ms for Radiation Detection Instruments	
		4.1 Experiences, Lessons Learned, and Considerations for Network & Communication	Session Chair - Gani Demiraj	Albania
		Systems for Nuclear Security	Rapporteur - Ngoc-Thiem Le	Vietnam
10:45 - 11:00	PRESS ROOM	4.1.1 Accuracy of Mobile phones GPS Coordinates for Dose Rate Mapping for Nuclear Security	Dritan Prifti	Albania
1:00-11:15	T KESS KOOW	4.1.2 Operational Deployment of M-INSN in Thailand	Chonlagarn lamsumang	Thailand
11:15-11:30		4.1.3 Current Status, Research and Development for Networking and Communication of	: Van Truong Nguyen	Vietnam
		Radiation Monitoring Equipment Systems in Vietnam		
1:40-12:00		Discussion Time		
		4.2 Developing Nework & Communication Systems for Nuclear Security & Safety Applications	Session Chair - Yong Li	China
			Rapporteur - Arumugam Palanisamy	India
10:40 - 11:00		4.2.1 Development of an IoT Monitoring System for the Radiation Portal Monitors (RPMs) at the CENM Exit/Entrance	Aziz Benahmed	Morocco
1:00-11:20	M4	4.2.2 Environmental Radiological Monitoring Network using Digimesh and MQTT Protocols at the RACSO-IPEN Nuclear Center	Renzo Chan	Peru
11:20-11:40		4.2.3 Developing a Smart Low-Cost Radiation Monitor Based on The Internet of Things (IoT)	Veri Trisnawan	Indonesia
11:40-12:00		Discussion Time		
		4.3 Computer Security & Communications for RDI Use for Nuclear Security	Session Chair - Nadia Mostafa Mohamed Nawwar	Egypt
			Rapporteur - William Johnson	USA
.0:40 - 11:00	М6	4.3.1 Development of IoT Device for Enhancing PRD Data Transmission	Suparerk Janjarasjitt	Thailand
1:00-11:20	10.0	4.3.2 Improve Computer Security of Radiation Detection Systems	Nelson Kodzotse Agbemava	Ghana
1:20-11:40		4.3.3 Design a Secure Radiation Monitoring and Tracking System the Radioactive Material During Transportation	Hani Kasban Abdelhai Mahmoud	Egypt
11:40-12:00	<u> </u>	Discussion Time		
12:00 - 13:30		Lunca		
		Plenary: 5. Tools for data analysis, display, and assessment	Track Chair - Nadia Helal	Egypt
12:20 14:00	T	To 0.4 Particular Data Application (the Internet	Rapporteur - Klara Richtarechova	Slovakia
13:30 - 14:00		5.0.1 Radiation Data Analysis with InterSpec	William Johnson	USA/NSDD
14:00 - 14:30	M1 PLENARY	5.02 MPE Deployment Experience using IAEA Tool 5.0.3 Utilization of Minimum Detectable Quantity Alarm Threshold Evaluation Tool	Nigel Tottie	IAEA
14:30 - 15:00	ROOM	(MDQ-ATET) to Enable Improvement of Nuclear Security Detection Operation at Laem Chabang Seaport	Chonlagarn lamsumang	Thailand
15:00 - 15:30		Coffee B	Break	
		Topical Sessions: Tools (Rotation)		
5:30 - 16:00	PRESS ROOM	<u> </u>	Jenkins	
	M4	2. TRACE Mobile/PAAT	Piyawan/Nadeera	
	M6	3. TRACE Desktop	Robert/Chon	
	M0E100	4. MDQ	Giang	
.6:00 - 16:30	PRESS ROOM		Jenkins	
10.00				
	M4 M6	2. TRACE Mobile/PAAT	Piyawan/Nadeera Robert/Chon	
	M0E100	TRACE Desktop  4. MDQ	Giang	
16:20 17:00				
16:30 - 17:00	PRESS ROOM		Jenkins Discourse (Nederlands	
	M4	2. TRACE Mobile/PAAT	Piyawan/Nadeera	
	M6	3. TRACE Desktop	Robert/Chon	

Time	Room		Session	Speaker	Country/Organization
	M0E100	4. MDQ		Giang	
17:00 - 17:30	PRESS ROOM	1. M-INSN		Jenkins	
	M4	2. TRACE Mobile/PAAT		Piyawan/Nadeera	
	M6	3. TRACE Desktop		Robert/Chon	
	M0E100	4. MDQ		Giang	
	Reception (Vendor)				

# Thursday, 17 August 2023

Time		Session	Speaker	
9:00 - 9:10	M1 PLENARY ROOM	Summary of Day 3/Day 4 Program and Introduction of Track chairs and Plenary Speakers	May Ong Bee Leng	Co-chair
		Plenary: 6.0 Research and Development	Track Chair - George Moore Rapporteur - Lloyd Firth	USA USA
9:10 - 9:40		6.0.1 Summary of CWMD Technology Development Activities in Chem, Bio, and Rad/Nuc Detection Mission Space	Julian Hill	US-DHS
9:40 - 10:10	ROOM	6.0.2 Detecting Special Nuclear Material with Active Interrogation Methods	Olaf Schumann;	Germany
10:10 - 10:40		6.0.3 Advantage of Multi-layer Neutron Detector to Homeland Security Scenarios	Ilan Cohen Zada	Israel
10:40 - 11:00		Coffee br	eak	
		Topical Session: R&D		
		6.1 Novel source search & mapping techniques	Session Chair - Alexandra Ioannidou	Greece
			Rapporteur - Ioannis Kaisas	Greece
11:00 - 11:15		6.1.1 Development of Mutli-Platform Nuclear Radiation Detector Terminal	Biao Wang	China
11:15 - 11:30		6.1.2 Detection and Localization of Radioactive Materials using Wireless Sensor Networks	Imbaby Mahmoud	Egypt
11:30 - 11:45		6.1.3 Intelligent Search and Location System for Nuclear and Radioactive Material Out of Regulatory Control	Yong Li	China
11:45 - 12:00		6.1.4 Developments of a Nuclear and Radioactive Material Survey System for Major Public Events	Mitsuo Koizumi	Japan
12:00 - 12:30		Q&A and Discussion		
		6.2 Instrument electronics and algorithms & testing	Session Chair - Leila Ounalli Mejri	Tunisia
			Rapporteur - Haluk Yücel	Turkey
11:00 - 11:15		6.2.1 Enhancing Calibration of Radiation Detectors for Security Purposes: A New Device for Calibrating Ionizing Radiation Detectors	Leila Ounalli Mejri	Tunisia
11:15 - 11:30		6.2.2 Source-Activity Measurement with Scintillation Crystal Based Detectors under Conditions	Attila Gulyás	Hungary
11:30 - 11:45		6.2.3 Prospects on Applying of Machine Learning and Digital Signal Processing Techniques to Develop Radiation Portal Monitor Systems	Dinh Tien Hung	Viet Nam
11:45 - 12:00		6.2.4 Detectors Sizes and Performance Differences of Albania Radiation Portal Monitors	Dritan Prifti	Albania
12:00 - 12:30		Q&A and Discussion		
		6.3 Detectors and active interrogation	Session Chair - Theo Koeble Rapporteur - Mona Abdelghany	Germany Egypt
11:00 - 11:15		6.3.1 Development of Real-time Radioluminescence Sensors for Security Applications	Hafiz Mohd Zin	Malaysia
11:15 - 11:30	M6	6.3.2 Improved Real-Time Directional γ-Detector Based on Mutual-Shielding	Eran Vax	Israel
11:30 - 11:45		6.3.3 Integrating Radiometrics and Microphotonics via Artificial Intelligence for Direct Rapid Detection and Attributive Characterization of Nuclear Security Events	Hudson Angeyo Kalambuka	Kenya
11:45 - 12:00		6.3.4 Progress in Setting up an Educational System for Delayed Neutrons Counting at IAEA NSIL	Francois Bolariwon Ayodele Idjiwole	Benin

Time	Room	Session	Speaker	Country/Organization
12:00 - 12:30		Q&A and Discussion		
12:30 - 14:00		Lunch	h	
		Plenary: 7. Technical and functional specifications for radiation detection equipment	Track Chair - Julian Hill	USA
			Rapporteur - Daniel Weidinger	USA
14:00 -14:20		Overview of NSS 1	Charles Massey	IAEA
14:20 - 14:40	M1 PLENARY ROOM	7.0.1 Current Challenges in the Use of Hand-held and Body-worn Spectrometric Radiation Detectors	Lucie Fiserova	Czech Republic
14:40 - 15:00	ROOIVI	7.0.2 Performance Evaluation of Portable Radiation Detectors for Nuclear Security using Open-Source Software	Kristedjo Kurnianto	Indonesia
15:00 - 15:30		Coffee bi	reak	
			Rapporteur - Lucie Fiserova	
15:30 - 15:50		7.0.3 Testing is National Security: Motivations and Practices for Evaluating Radiation Detection Systems	Paul Johns	USA
15:50 - 16:10	M1 PLENARY ROOM	7.0.4 Characterization of Radiation Detection Systems by the U.S. Office of Nuclear Smuggling Detection and Deterrence	Mike Demboski	USA
16:10 - 16:30		7.0.5 Neutron Survey Meter for Nuclear Security: Design, Fabrication, and Verification	Ngoc-Thiem Le	Viet Nam
16:30 - 16:50		7.0.6 Counter WMD Testing and Evaluation	Daniel Weidinger	USA
16:50 - 17:20		Q&A and Discussion		

# Friday 18 August 2023

Time		Session		Speaker	
09:00 - 10:00	M1 PLENARY	Reports from Track chairs (about 10 min for each)		Track Chairs	
10:00 - 10:30	ROOM	ICON 2024		Sara Mroz	IAEA
10:30 - 11:00			Coffee b	reak	
11:00 - 12:00		Panel Discussion		Charles Massey (Moderator)	IAEA
				Alina Smyslova	USA
	M1 PLENARY			Ung Eang	Cambodia
	ROOM			David Makharadze	Georgia
	KOOIVI			Jean Galy	EC
				Ritah Chimusibe	Zimbabwe
				Jendli Baghidadi	Tunisia
12:00 - 13:30			Lunc	h	
13:30 - 14:00	M1 PLENARY	Summary and Way forward		May Ong Bee Leng	Co-Chair
15:00 - 15:15	ROOM	Closing Remarks		May Ong Bee Leng	Co-Chair
15.00 - 15.15	KOOIVI			Alina Smyslova	Co-Chair
16:00			Meeting Aa	ljourned	