



XX EDOARDO AMALDI CONFERENCE

INTERNATIONAL COOPERATION FOR ENHANCING NUCLEAR SAFETY, SECURITY, SAFEGUARDS AND NON-PROLIFERATION

60 YEARS IAEA ATOMS FOR PEACE AND DEVELOPMENT EURATOM TREATY

> Accademia Nazionale dei Lincei Rome, 9 – 10 October 2017 Italy









Ministero degli Affari Esteri e della Cooperazione Internazionale



Presidenza della Repubblica Italiana



Ministero dell'Istruzione, dell'Università e della Ricerca







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PROGRAM

MONDAY, 9 OCTOBER

9.30 - 10.00

OPENING ADDRESSES

ALBERTO QUADRIO CURZIO – PRESIDENT OF THE ACCADEMIA NAZIONALE DEI LINCEI, ITALY LUCA GIANSANTI – DIRECTOR GENERAL FOR POLITICAL AFFAIRS AND SECURITY AT THE MINISTRY OF FOREIGN AFFAIRS AND INTERNATIONAL COOPERATION, ITALY VLADIMÍR ŠUCHA – DIRECTOR GENERAL OF THE JOINT RESEARCH CENTRE, EUROPEAN COMMISSION LUCIANO MAIANI – CHAIR OF THE XX EDOARDO AMALDI CONFERENCE, ITALY

KEYNOTE LECTURES

CHAIRS

ALBERTO QUADRIO CURZIO – PRESIDENT OF THE ACCADEMIA NAZIONALE DEI LINCEI, ITALY VLADIMÍR ŠUCHA – DIRECTOR GENERAL OF THE JOINT RESEARCH CENTRE, EUROPEAN COMMISSION

10.00 - 10.30	60 YEARS OF IAEA: ATOMS FOR PEACE AND DEVELOPMENT	
	Lecturer H.E. Yukiya Amano – IAEA Director General	
10.30 - 11.00	60 YEARS OF EURATOM TREATY: DISARMAMENT AND NON-PROLIFERATION, NEW CHALLENGES AND OPPORTUNITIES	
	LECTURER H.E. FEDERICA MOGHERINI – HIGH REPRESENTATIVE OF THE UNION FOR FOREIGN AFFAIRS AND SECURITY POLICY – VICE-PRESIDENT OF THE EUROPEAN COMMISSION	
11.00 - 11.30	COFFEE BREAK	



Accademia Nazionale dei Lincei

XX EDOARDO AMALDI CONFERENCE INTERNATIONAL COOPERATION FOR ENHANCING NUCLEAR SAFETY, SECURITY, SAFEGUARDS AND NON-PROLIFERATION 60 YEARS IAEA ATOMS FOR PEACE AND DEVELOPMENT EURATOM TREATY



SESSION 1 – PART I

NUCLEAR SAFETY AND SECURITY

CHAIR: JACEK BYLICA – EEAS, EUROPEAN UNION

- 11.30 12.00 IAEA'S CENTRAL ROLE IN INTERNATIONAL COOPERATION FOR STRENGTHENING NUCLEAR SAFETY AND NUCLEAR SECURITY WORLDWIDE SPEAKER GUSTAVO CARUSO – IAEA
- 12.00 12.30 NUCLEAR SECURITY SUMMITS AND LEGACY SPEAKER ALEXANDRE BILODEAU – IGN, CANADA
- 12.30 13.00 THE GICNT CONTRIBUTION TO NUCLEAR SECURITY SPEAKER JARI LUOTO – GICNT IAG
- 13.00 14.15 LUNCH BREAK

SESSION 1 – PART II

NUCLEAR SAFETY AND SECURITY

CHAIR: UMBERTO VATTANI - PRESIDENT OF THE ITALY-JAPAN FOUNDATION, ITALY

- 14.15 14.45
 EURATOM NUCLEAR SAFETY FRAMEWORK

 SPEAKER MASSIMO GARRIBBA DG ENER, EUROPEAN COMMISSION
- 14.45 15.15 UPDATING FROM LESSONS LEARNT FROM FUKUSHIMA SPEAKER TATSUJIRO SUZUKI – RECNA, JAPAN
- 15.15 15.45CYBER SECURITY AND NUCLEAR SECURITY: HOW ARE THEY RELATED AN OVERVIEW
SPEAKER GÖTZ NEUNECK IFSH, GERMANY
- 15.45 16.00 COFFEE BREAK





SESSION 2

NUCLEAR SAFEGUARDS

CHAIR: MARIA BETTI – DG JRC, EUROPEAN COMMISSION

16.00 - 16.30	5	ARS OF NUCLEAR VERIFICATION TREDERIC CLAUDE – IAEA
16.30 - 17.00		M SAFEGUARDS SYSTEM T EPHAN LECHNER – <i>DG ENER, EUROPEAN COMMISSION</i>
17.00 - 17.30		l Synergies between Safeguards and Security C lina Martikka – <i>STUK, Finland</i>
17.30 - 19.00		PANEL Nuclear Safeguards Challenges Chair: Said Abousahl – DG JRC, European Commission
	17.30 - 18.00	ANNE HARRINGTON – USA

17.30 – 18.00 ANNE HARRINGTON – USA Willem Janssens – DG JRC European Commission Yosuke Naoi – Japan

18.00 - 19.00 GENERAL DISCUSSION

20.00

WELCOME RECEPTION AT THE ACCADEMIA NAZIONALE DEI LINCEI





TUESDAY, 10 OCTOBER

	Session 3 – Part I Topics of Nuclear Non-Proliferation: Present and Future Challenges
	CHAIR: GIANFRANCO INCARNATO – MINISTRY OF FOREIGN AFFAIRS AND INTERNATIONAL COOPERATION, ITALY
9.45 - 10.15	STATUS OF NUCLEAR NON-PROLIFERATION Speaker Paolo Cotta Ramusino – <i>PUGWASH</i>
10.15 - 10.45	THE FRENCH NATIONAL PERSPECTIVE ON NUCLEAR NON-PROLIFERATION SPEAKER REMO CHIAPPINI – CEA, FRANCE
10.45 - 11.15	THE ISRAELI NATIONAL PERSPECTIVE ON NUCLEAR NON-PROLIFERATION SPEAKER MERAV ZAFARY-ODIZ – IAEC, ISRAEL
11.15 - 11.30	COFFEE BREAK
	SESSION 3 – PART II
	TOPICS OF NUCLEAR NON-PROLIFERATION: PRESENT AND FUTURE CHALLENGES
	CHAIR: FRANCESCO CALOGERO – SAPIENZA UNIVERSITY OF ROME, ITALY
11.30 - 12.00	THE IRANIAN NATIONAL PERSPECTIVE ON NUCLEAR NON-PROLIFERATION Speaker Ali Akbar Salehi – AEOI, Iran
12.00 - 12.30	The Pakistani National Perspective on Nuclear Non-Proliferation Speaker Khalid Ahmed Kidwai – NCA, Pakistan
12.30 - 13.00	Future of the Non-Proliferation Treaty Speaker Harald Müller – PRIF, Germany
13.00 - 14.15	LUNCH BREAK





Session 4

Role of Science in Technical and International Cooperation Chair: **Zehra Sayers –** Sabanci University, Turkey

- 14.15 14.45IAEA'S TECHNICAL COOPERATION PROGRAMME NUCLEAR TECHNOLOGY
CONTRIBUTING TO DEVELOPMENT
SPEAKER ANA RAFFO-CAIADO IAEA
- 14.45 15.15 CTBTO SCIENCE AND TECHNOLOGY FOR A SAFER WORLD SPEAKER **RANDY BELL** – CTBTO
- 15.15 15.45
 SCIENCE BEYOND BOUNDARIES: SESAME AND THE INTERNATIONAL COOPERATION

 SPEAKER CHRIS LLEWELLYN SMITH OXFORD UNIVERSITY, UNITED KINGDOM
 - TESTIMONIAL GIHAN KAMEL SESAME, EGYPT
- 16.00 16.15 COFFEE BREAK

16.15 - 17.45

- Panel **The Future of Nuclear Disarmament and Non-Proliferation** Chair: **Luciano Maiani** – Accademia Nazionale dei Lincei, Italy
- 16.15 16.45 MICAH LOWENTHAL USA Alexander Savelyev – Russia Xiangli Sun – China
- 16.45 17.45 GENERAL DISCUSSION
- 17.45 18.15 CLOSING OF THE CONFERENCE
- 18.15 20.00 GUIDED TOUR OF VILLA FARNESINA AND BIBLIOTECA CORSINIANA





PARTICIPANTS	AFFILIATIONS
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VENUE OF THE CONFERENCE

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