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

PATRONAGE

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ORGANIZING COMMITTEE

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ALBERTO QUADRI CURZIO AND VLADIMIR SUCHA

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LUCIANO MAIANI AND SAID ABOUSAH

SCIENTIFIC SECRETARY
WOLFGANG PLASTINO

BOARD
MARIA BETTI, JACEK BYLICA, FRANCESCO CALOGERO, GÖTZ NEUNECK, CARLO SCHAERF, AND EDOARDO VESENTINI
PROGRAM

MONDAY, 9 OCTOBER

9.30 - 10.00  OPENING ADDRESSES

ALBERTO QUADRI CUZZIO – 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
VLADIMIR SUCHA – DIRECTOR GENERAL OF THE JOINT RESEARCH CENTRE, EUROPEAN COMMISSION
LUCIANO MALANI – CHAIR OF THE XX EDOARDO AMALDI CONFERENCE, ITALY

KEYNOTE LECTURES

CHAIRS

ALBERTO QUADRI CUZZIO – PRESIDENT OF THE ACCADEMIA NAZIONALE DEI LINCEI, ITALY
VLADIMIR SUCHA – DIRECTOR GENERAL OF THE JOINT RESEARCH CENTRE, EUROPEAN COMMISSION

10.00 - 10.30  60 YEARS OF IAEA: ATOMS FOR PEACE AND DEVELOPMENT
LENDERER H.E. YUKIYA AMANO – IAEA DIRECTOR GENERAL

10.30 - 11.00  60 YEARS OF EURATOM TREATY: HISTORY AND ACHIEVEMENTS

11.00 - 11.30  COFFEE BREAK
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 FOUNDATION ITALY-JAPAN, ITALY

14.15 - 14.45
EURATOM NUCLEAR SAFETY FRAMEWORK
SPEAKER: MASSIMO GARIBBIA – DG ENER, EUROPEAN COMMISSION

14.45 - 15.15
UPDATING FROM LESSONS LEARNT FROM FUKUSHIMA
SPEAKER: TATESHIRO SUZUKI – REONA, JAPAN

15.15 - 15.45
CYBER SECURITY AND NUCLEAR SECURITY: HOW ARE THEY RELATED - AN OVERVIEW
SPEAKER: GOTZ NEUNEGGER – IFSH, GERMANY

15.45 - 16.00
COFFEE BREAK
SESSION 2 PART I
NUCLEAR SAFEGUARDS
Chair: MARIA BETTI - DG JRC, EUROPEAN COMMISSION

16.00 - 16.30
SIXTY YEARS OF NUCLEAR VERIFICATION
Speaker FREDERIC CLAUDE - IAEA

16.30 - 17.00
EURATOM SAFEGUARDS SYSTEM
Speaker STEPHAN LECHNER - DG ENE, EUROPEAN COMMISSION

17.00 - 17.30
TECHNICAL SYNERGIES BETWEEN SAFEGUARDS AND SECURITY
Speaker ELINA MARTIKKA - STUK, FINLAND

17.30 - 19.00
PANEL
NUCLEAR SAFEGUARDS CHALLENGES
Chair: SAID ABOUSAHL - DG JRC, EUROPEAN COMMISSION

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

ACCADEMIA NAZIONALE DEI LINCEI
P. NAVONI 2113, 00184, ROMA - ITALY
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 – PUGWASH

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-OVIDZ – IAF, 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 – AEI, IRAN

12.00 - 12.30
THE PAKISTANI NATIONAL PERSPECTIVE ON NUCLEAR NON-PROLIFERATION
SPEAKER KHJALID AHMAD KIDWAI – NCA, PAKISTAN

12.30 - 13.00
FUTURE OF THE NON-PROLIFERATION TREATY
SPEAKER HARALD MOLLER – PRIF, GERMANY

13.00 - 14.15
LUNCH BREAK
SESSION 4

ROLE OF SCIENCE IN TECHNICAL AND INTERNATIONAL COOPERATION

Chair: Zehra Sayern  Sabanci University, Turkey

14.15 - 14.45  IAEA'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 Ghian 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 to Villa Farnesina and Biblioteca Corsiniana
PARTICIPANTS

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IAEA ATOMS FOR PEACE AND DEVELOPMENT
FUKUSHIMA TREATY

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