



ACCADEMIA NAZIONALE DEI LINCEI

האקדמיה הלאומית הישראלית למדעים
المجمع الوطني الإسرائيلي للعلوم والآداب
THE ISRAEL ACADEMY OF SCIENCES AND HUMANITIES



2nd Joint Workshop

Science and Society

Rome, 15 - 16 January 2019

The meeting on *Science and Society* is the second of a series of joint workshops promoted by the Israel Academy of Sciences and Humanities and the Accademia Nazionale dei Lincei in the framework of a collaboration agreement established in 2001. The first joint workshop (*Advances in Immunopharmacological Therapy for Cancer and Allergic Diseases*) was held in Jerusalem on 27-28 November 2017.

The meeting is composed of four sessions: the first session is a general overview on science and society; sessions 2, 3 and 4 will focus on the topics that were addressed in the three Joint Statements of the G7 Academies Meeting organized by the Lincei in 2017.

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PROGRAMME

Tuesday, 15 Jan.

10.00 Welcome addresses by Alberto QUADRIO CURZIO, President Emeritus of the Accademia Nazionale dei Lincei, and Nili COHEN, President of IASH, the Israel Academy of Sciences and Humanities

SESSION 1 - SCIENCE AND SOCIETY

Chairs: Nili COHEN (President of IASH, Israel Academy of Sciences and Humanities),
Alberto QUADRIO CURZIO (President Emeritus of the Accademia Nazionale dei Lincei)

10.15 Alessandro CAVALLI (Accademia Nazionale dei Lincei), *Science and public opinion: the case of Italy*

10.45 Nili COHEN (President of the Israel Academy of Sciences and Humanities), *Public engagement of scientists*

11.15 Coffee break

11.30 Giovanni JONA-LASINIO (Accademia Nazionale dei Lincei), *Interdisciplinary research: conceptual aspects*

12.00 Dan SHECHTMAN (IASH member; Nobel Prize laureate; Technion - Israel Institute of Technology, Haifa), *Why should we teach science in kindergarten?*

12.30 Discussion and closing remarks by the Chairs

13.15 Lunch break

SESSION 2 - MEDICINE AND AGING SOCIETY

Chairs: Ruth ARNON (IASH member; Weizmann Institute of Science),
Lamberto MAFFEI (Accademia Nazionale dei Lincei)

- 14.30 Ruth ARNON (IASH member; Weizmann Institute of Science), *Introductory remarks*
- 14.35 Chaim CEDAR (IASH member; Hebrew University of Jerusalem), *Annotating the Book of Life*
- 15.15 Yosef YARDEN (IASH member; Weizmann Institute of Science), *Lung cancer: an avoidable major disease?*
- 15.55 Coffee break
- 16.10 Lamberto MAFFEI (Accademia Nazionale dei Lincei), *Introductory remarks*
- 16.15 Chris DOBSON (University of Cambridge, UK), *Alzheimer's disease: towards its prevention and treatment*
- 16.55 Elena CATTANEO (Accademia Nazionale dei Lincei; University of Milan), *Huntingtin in health and disease*
- 17.35 Maurizio BRUNORI (Accademia Nazionale dei Lincei), *Closing remarks*
- 18.00 Guided tour of the Villa Farnesina

Wednesday, 16 Jan.

SESSION 3 - CULTURAL HERITAGE: BUILDING RESILIENCE

Chairs: Benjamin ISAAC (IASH member; Tel Aviv University),
Giovanni SEMINARA (Accademia Nazionale dei Lincei; University of Genoa)

- 10.00 Giovanni SEMINARA (Accademia Nazionale dei Lincei; University of Genoa), *Introductory remarks on recent efforts of the Accademia Nazionale dei Lincei and IAP in the field of resilience of cultural heritage*
- 10.15 Ronnie ELLENBLUM (IASH member; Hebrew University of Jerusalem), *Climate changes, mass migrations, social and cultural transformations: what can we learn from the history of the Mediterranean?*
- 10.45 Israel FINKELSTEIN (IASH member; Tel Aviv University), *Archaeology, heritage and society in Israel: the view from 2019*
- 11.15 Coffee break
- 11.30 Adriano LA REGINA (Accademia Nazionale dei Lincei; Istituto Nazionale di Archeologia e Storia dell'Arte, Rome), *Italian cultural heritage: resilience throughout economic decline?*
- 12.00 Antonio SGAMELLOTTI (Accademia Nazionale dei Lincei; University of Perugia), *Enhancing resilience of cultural heritage: the role of technology*
- 12.30 Discussion and closing remarks by Benjamin ISAAC (IASH member; Tel Aviv University)
- 13.15 Lunch break

SESSION 4 - NEW ECONOMIC GROWTH: SCIENCE, TECHNOLOGY, INNOVATION

Chairs: Alberto QUADRIO CURZIO (President Emeritus of the Accademia Nazionale dei Lincei),
Menahem YAARI (IASH member; Hebrew University of Jerusalem)

- 14.30 Alberto QUADRIO CURZIO (President Emeritus of the Accademia Nazionale dei Lincei), *Introductory remarks on structural economic dynamics*
- 14.45 Maria Chiara CARROZZA (Scuola Superiore Sant'Anna, Pisa), *The socialization of robotics in the fourth industrial revolution: threat for jobs or opportunity for growth?*

- 15.15 Elhanan HELPMAN (IASH member; Harvard University, Cambridge, USA), *Innovation and economic growth*
- 15.45 Coffee break
- 16.00 Giovanni DOSI (Accademia Nazionale dei Lincei; Scuola Superiore Sant'Anna, Pisa), *Growth as an evolutionary process: knowledge accumulation and organizational capabilities*
- 16.30 Shimon ULLMAN (IASH member; Weizmann Institute of Science), *Age of the intelligent machines*
- 17.00 Discussion and closing remarks by Menahem YAARI (IASH member; Hebrew University of Jerusalem)

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VENUE OF THE MEETING:

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Rome

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