

האקדמיה הצעירה הישראלית
الأكاديمية الشابّة الإسرائيلىة
THE ISRAEL YOUNG ACADEMY



Science and Society: Challenges and Prospects

A Meeting of the Asian Young Academies in Israel

February 11–13, 2018

The Israel Academy of Sciences and Humanities
Albert Einstein Square, 43 Jabotinsky St., Jerusalem

PROGRAM FOR INVITED PARTICIPANTS

www.young.academy.ac.il

FEBRUARY 11, 2018

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09:00-10:00 INFORMAL SOCIAL EVENT: **Mona Khoury-Kassabri**, IYA

10:00-10:10 GREETINGS: **Liat Ayalon**, IYA

10:10-10:40 INTRODUCTION: **Sefy Hendler**, IYA

KEYNOTE SPEAKER: Sharon Aronson Lehavi, Tel Aviv University, Former Member, IYA

Performing the Sacrificial Figure: Medieval and Modern Paradigms

10:40-12:00 **PANEL 1 ON THE ROLE OF SCIENCE IN POLICY**

CHAIR: Ayelet Baram-Tsabari, IYA

Lucy Lahrita, Japan, Department of Applied Biosciences, Hokkaido University

Integrating 'Women in Science' Commitment in Policy-Making for Boosting Female Researchers' Participation: Lessons from Japan's Experiences

Thanh Nguyen Thi Kim, UK, Department of Physics and Astronomy, University College London

How to Engage Young Scholars in the Work of Young Academies

André Xuereb, Malta, Department of Physics, University of Malta

Big Science in Small Countries: Multinational Projects Seen from the Eyes of Malta

12:00-13:00 LUNCH BREAK

13:00-14:00 **PANEL 2 ON BARRIERS AND FACILITATORS TO PROMOTING SCIENCE**

CHAIR: Liat Kozma, IYA

Badre Abdeslam, Morocco, Gender, Youth & Science Policy Development,
Mohammed V University of Rabat

Harnessing the Benefits of Research Mobility in the MENA Region

Orakanoke Phanraksa and **Wibool Piyawattanametha**, Thailand, National Science
and Technology Development Agency, and King Mounkut's Institute of Technology,
Ladkrabang (KMITL)

The Global State of Young Scientists in ASEAN: What Is the Next Step?

Chung-jen Chen, Taiwan, Department of Foreign Languages and Civilizations,
National Taiwan University

Science and Society

14:00-15:00 INTRODUCTION: **Dan Peer**, IYA

KEYNOTE SPEAKER: Ada Yonath, Member, Israel Academy of Sciences and Humanities
Weizmann Institute of Science, 2009 Nobel Laureate in Chemistry

15:00-15:30 COFFEE BREAK

15:30-17:00 ROUND TABLES

· **Global commitment** vs. **national and public commitment** / **Nissim Otmazgin** and **Ki Tae Nam** (Korea)

· **Private** vs. **governmental funding of science** / **Noam Eliaz** & **Akihiro Kishimura** (Japan)

17:30-19:00 DINNER AT PICCOLINO RESTAURANT

FEBRUARY 12, 2018

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- 09:30-10:00** GATHERING
- 10:00-10:10** GREETINGS: **Nili Cohen**, President, The Israel Academy of Sciences and Humanities
- 10:10-10:35** INTRODUCTION: **Avi Zadok**, IYA
KEYNOTE SPEAKER: Jonathan Ben-Dov, University of Haifa, Former member, IYA
Ancient Manuscripts in the Digital Age: Transformations in Methodology and Policy
- 10:35-12:05** **PANEL 3 SCIENCE IN THE SERVICE OF SOCIETY I**
CHAIR: Mona Houry-Kassabri, IYA
Akhilesh Kumar, India, Founder & CEO, Eden Horticulture Services
Next-Generation Scientists Need Entrepreneurial Skills
Mitsunobu R Kano, Japan, Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Okayama University
How Can We Promote Science Driven by Curiosity about Social Challenges?
- 12:05-13:15** LUNCH BREAK
- 13:15-13:45** INTRODUCTION: **Ron Milo**, IYA
KEYNOTE SPEAKER: Hagai Shagrir, Israel, Head of Asia and Pacific Bureau, Ministry of Foreign Affairs
On the Role of Policy in Science
- 13:45-15:15** **PANEL 4 SCIENCE IN THE SERVICE OF SOCIETY II**
CHAIR: Avi Zadok, IYA
Hsien-Sung Huang, Taiwan, Graduate Institute of Brain and Mind Sciences, National Taiwan University
Neuroepigenetics, Brain Disorders and Novel Therapeutics
Pedro Martínez-Santos, Spain, Departamento de Geodinámica, Universidad Complutense de Madrid
Applied Science Towards Cheap Water Access in Poverty-Stricken Regions of Sub-Saharan Africa
Andrea Ghermandi, Israel, Department of Natural Resources & Environmental Management, University of Haifa
Crowdsourcing Sustainability? How Social Media Can Inform Environmental Protection and Management
- 15:15-15:45** COFFEE BREAK
- 15:45-16:10** Introduction: **Eran Bouchbinder**, Chair, IYA
KEYNOTE SPEAKER: Dan Peer, Tel Aviv University, IYA
Harnessing Nanotechnology to Improve Healthcare
- 16:10-17:00** **PANEL 5 CONCLUDING DISCUSSION**
CHAIR: Liat Ayalon, IYA
- 17:00** INFORMAL RECEPTION

FEBRUARY 13, 2018

- 09:00-13:00** A TOUR OF THE OLD CITY IN JERUSALEM