Science and Society: Challenges and Prospects
A Meeting of the Asian Young Academies in Israel

February 11–12, 2018
The Israel Academy of Sciences and Humanities
Albert Einstein Square, 43 Jabotinsky St., Jerusalem

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On-street parking is available near the Academy

www.young.academy.ac.il
09:30-10:00  REGISTRATION AND WELCOME
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
             Roberta D’Alessandro, The Netherlands, Utrecht Institute of Linguistics
             The Many Meanings of ‘Responsibility’
             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
             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?
12:00-13:00  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
             Daniel Ochieng Orwenjo, Kenya, Department of Language and Communication Studies, School of Information and Communication Studies, Technical University of Kenya
             Private Funding For African Scientific Research: A SWOT Analysis of the Role of National Young Academies
             Orakanoke Phanraksa and Wibool Piyawattanametha, Thailand, National Science and Technology Development Agency, and King Mongkut’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
09:30-10:00 GATHERING

10:00-10:10 GREETINGS: Nili Cohen, President, The Israel Academy of Sciences and Humanities

10:10-10:50 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

10:50-12:20 PANEL 3 SCIENCE IN THE SERVICE OF SOCIETY I

CHAIR: Mona Khoury-Kassabri, IYA

Thomas Edison E. dela Cruz, Philippines, Department of Biological Sciences, University of Santo Tomas

Mentoring the Next Generation of Scientists: Lessons from the Philippines and the ASEAN Region

Akhilesh Kumar, India, Founder & CEO, Eden Horticulture Services

Next-Generation Scientists Need Entrepreneurial Skills

Meghnath Dhimal, Nepal, Chief Research Officer, Nepal Health Research Council (NHRC)

Health Impacts of Climate Change from a Social Justice Perspective in Nepal

Tonni Kurniawan, China, College of the Environment & Ecology, Xiamen University

Promoting Young Scientists’ Careers as Part of a National Policy for Promoting a Knowledge-Based Economy: Learning from Germany’s Experiences

12:20-13:30 LUNCH BREAK

13:30-14:00 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

14:00-15:30 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

Tran Quang Huy, Vietnam, Virology Department, National Institute of Hygiene and Epidemiology

National Young Academy: The Bridge between Young Scientists at Home and Abroad

15:30-16:00 COFFEE BREAK

16:00-16:10 Eran Bouchbinder, Chair, IYA

Introduction and Future Plans of The Israel Young Academy

16:10-16:50 KEYNOTE SPEAKER: Dan Peer, Tel Aviv University, IYA

Harnessing Nanotechnology to Improve Healthcare