



**ORGANIZATION
FOR WOMEN IN
SCIENCE FOR THE
DEVELOPING WORLD**



ANSO Workshop on Women in Science “Towards a Diversity of Research and Researcher”

1. Background

Diversity in science will come about not only through efforts at exploring diverse thematics and methodologies, but also through the diversification, along several lines, of scientists and scholars working within the various fields. Gender figures prominently among these lines in the sense that only through the correction of the many forms of gender imbalance can true diversity be achieved. For this end, the involvement of female researchers, especially in leadership positions, must be rectified, while also recognizing the past and present accomplishments of women scientists.

Gender equality (UN SDG No.5) plays a vital role in achieving sustainable, high quality development. Although gender disparity has significantly narrowed over the past decades with an increasing number of women in various fields of Science, including Technology, Engineering, Math and Medicine (STEMM), as well as Social Sciences and Humanities (SSH), existing research shows that the achievements of women scientists are still not adequately visible, and men continue to dominate in these fields, especially in leadership positions.

Gender imbalance in science is a multifactorial issue. Such differences in interest or willingness might be part of the issue, but implicit bias, stereotypes and the environment created by families, schools, communities and work places appear to play a more significant role in the underrepresentation of women in these fields. Systematic barriers make it more difficult for women to pursue their careers in

science; these barriers exist quite visibly in some developing countries, but are present in highly developed countries as well.

2. About this Workshop

In the unprecedented global crisis outset in 2020, women scientists appeared to be more vulnerable than men. Recent research has shown a dramatic decline in the number of publications by women scientists as the result of bearing a greater proportion of responsibilities in taking care of childcare and household during the COVID-19 pandemic. Emerging evidence suggests that the disruptions caused by the pandemic endanger the engagement of women in science, and may even roll back some of the endeavour and achievements made by women to date.

Based on the above background, evidence relating to the disadvantageous circumstances in which women scientists work, the Alliance of International Science Organizations (ANSO), the Hungarian Academy of Sciences (MTA), Chinese Academy of Sciences with the support of the Organization for Women in Science for the Developing World (OWSD) have decided to jointly host an international workshop titled “*Women in Science –Towards a Diversity of Research and Researcher*”, to highlight some of the outstanding contributions of women scientists in STEMM and SSH, raise awareness of the career challenges of women scientists, and encourage the younger generation to join in to scientific researching the future.

Our workshop will focus on the following issues facing women scientists:

1. Policies developed in order to rectify gender imbalance in research and organizational structure;
2. Actual research conducted by women scientists in STEMM and SSH fields alike.

3. Key Issues of the Meeting:

1) Policies introduced in various countries to rectify gender imbalance in science - Lectures on international policies, responding to the following issues

- a) The barriers for women scientists to take the leadership in Academia, Glass Ceiling
- b) How to provide more opportunities for young women scientists
- c) How to work towards gender equality in research, academic structure and academic events

2) Women as Scientific Researchers: Current Contributions - Lectures given by outstanding women scientists on their respective topics

As the final message of this conference: Release a call for action to support an ANSO statement as “*Call for Action to Support Women in Science*” advocating more women to engage in scientific research.

4. Date & Time

18-19 November 2021

9:00 a.m. Budapest Time (CET) / 4:00 p.m. Beijing Time

5. Software & Apps

Live Streaming (no registration required):

YouTube:

https://www.youtube.com/channel/UCvqxoRq0JrKZeDe_EM0iIPg/featured

Bilibili:

<https://live.bilibili.com/22476145>

6. Agenda of the Webinar

Day 1 (November 18)

Theme: Policies to Advance Women’s Careers in Science

Presiding Chair: CAO Jing-hua, Executive Director of ANSO Secretariat

Facilitator: Ailikun, Assistant Executive Director of ANSO Secretariat

Budapest Time (CET/GMT+1)	Beijing Time (GMT+8)	Activities and Description
9:00-9:05	16:00-16:05	Opening of the Workshop <i>CAO Jing-hua, Executive Director of ANSO Secretariat</i>
9:05-9:20	16:05-16:20	Opening Addresses <i>Ferenc Hudecz, Vice President, Hungarian Academy of Sciences</i> <i>Jennifer A. Thomson, President of Organization for Women in Science for the Developing World (OWSD)</i> <i>Lily Eurwilaichitr, Vice President of National Science and Technology Development Agency (NSTDA), Thailand</i>
9:20-9:35	16:20-16:35	How OWSD Can Help Women Scientists Unleash Their Latent Talents <i>Jennifer A. Thomson, President of Organization for Women in Science for the Developing World (OWSD) / Emeritus Professor, University of Cape Town</i>
9:35-9:50	16:35-16:50	EU Support to Gender Equality in Research and Innovation <i>Mina Stareva, Head of Gender Sector in DG Research and Innovation, European Commission</i>
9:50-10:05	16:50-17:05	Strategies for the Promoting of the Career Development of Women in Science <i>Gretchen Kalonji, Co-chair of ANSO-DRR / Dean of the Institute for Disaster Management and Reconstruction, Sichuan University – The Hong Kong Polytechnic University (IDMR)</i>
10:05-10:20	17:05-17:20	Women in Science: Survival and Development <i>ZHENG Xiao-ying, Dean, APEC Health Science Academy, Peking University</i>

10:20-10:35	17:20-17:35	MTA Institutional Policies for Advancing Equal Opportunities for Women in Science <i>Enikő Bollobás</i> , Chair, Presidential Committee on Women in Science, MTA
10:35-10:50	17:35-17:50	Government Policies to Advance Women's Careers in Science in Japan <i>Miyoko O. Watanabe</i> , Executive Director / Director, Office for Diversity and Inclusiveness, Japan Science and Technology Agency (JST)
10:50-11:10	17:50-18:10	Panel Discussion
11:10-11:15	18:10-18:15	Conclusion and Wrap-up <i>CAO Jing-hua</i> , Executive Director of ANSO Secretariat

Day 2 (November 19)

Theme: Women at the Cutting-edge of Research

Presiding Chair: Enikő Bollobás, Chair, Presidential Committee on Women in Science, MTA

Facilitator: Gergely Böhm, Head of the President's and Vice Presidents' Office, MTA

Budapest Time (CET/GMT+1)	Beijing Time (GMT+8)	Activities and Description
9:00-9:05	16:00-16:05	Opening of the Workshop <i>Enikő Bollobás, Chair, Presidential Committee on Women in Science, MTA</i>
9:05-9:20	16:05-16:20	Lightning Disasters and Artificial Modification <i>QIE Xiu-shu, Professor, Institute of Atmospheric Physics, Chinese Academy of Sciences</i>
9:20-9:35	16:20-16:35	Becoming an Active Mentor Made Me A Better Researcher <i>Chao Mbogo, Founder and Program Lead, KamiLimu / Dean, School of Science and Technology, Kenya Methodist University</i>
9:35-9:50	16:35-16:50	The Infancy of Sun-like Stars <i>Ágnes Kóspál, Research Advisor, Konkoly Observatory, Research Centre for Astronomy and Earth Sciences, Hungary</i>
9:50-10:05	16:50-17:05	Progress on Thermodynamic Temperature Measurements from 5 K to 24.5 K under New Definition of Kelvin <i>GAO Bo, Deputy Director of the TIPC-LNE Joint Laboratory on Cryogenic Metrology Sciences and Technology, Technical Institute of Physics and Chemistry, Chinese Academy of Sciences</i>
10:05-10:20	17:05-17:20	Powder Metallurgy Research from Lab to Mass Production <i>Anchalee Manonukul, Principal Researcher, National Metal and Materials Technology Center (MTEC), National Science and Technology Development Agency (NSTDA), Thailand</i>
10:20-10:35	17:20-17:35	Advancing Vaccines in China for the World <i>YUAN Yuan, China Country Representative Business & Commercialization Lead, PATH</i>

10:35-10:50	17:35-17:50	Canine Ageing from a Behavioural, Genetic, and Neuroscientific Approach <i>Enikő Kubinyi</i> , Senior Researcher, Department of Ethology, Eötvös Loránd University (ELTE), Budapest
10:50-11:05	17:50-18:05	Diversity and Inclusion in a Changing Academic Climate <i>Moniek Tromp</i> , Co-Chair, Young Academy of Europe
11:05-11:25	18:05-18:25	Panel Discussion
11:25-11:30	18:25-18:30	Conclusion and Wrap-up <i>Enikő Bollobás</i> , Chair, Presidential Committee on Women in Science, MTA

7. Organizers

Hungarian Academy of Sciences (MTA)

Alliance of International Science Organizations (ANSO)

Chinese Academy of Sciences (CAS)

With the support of the Organization for Women in Science for the Developing World (OWSD)

8. Organizing Committee

Co-Chairs:

Prof. Chunli Bai, President of ANSO

Prof. Ferenc Hudecz, Vice President for Natural Sciences, MTA

Members:

Prof. CAO Jinghua, Executive Director of ANSO Secretariat

Prof. Enikő Bollobás, Chair, Presidential Committee on Women in Science, MTA

9. Contact

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Ms. Jingyuan Feng, ANSO Secretariat

Email: jingyuan.feng@anso.org.cn

10. Basics:

- The audience of the workshops: Zoom Meeting opens only for selected audiences, others use the live stream of YouTube and Bilibili.
- Conference language: English
- Presentation files and video (approved by speakers) will be released on ANSO and MTA websites after the meeting. Presentations sent beforehand in a PDF format are welcome and will be shared with all participants.