

DRAFT 25 October

INTERACADEMY PARTNERSHIP TRIENNIAL CONFERENCE AND GENERAL ASSEMBLY AND WORLDWIDE MEETING OF YOUNG ACADEMIES

CONFERENCE AND MEETING AGENDA

Online via Zoom and at Biosphere2, Arizona, USA

Conference Theme: “Inclusive Excellence: Harnessing Knowledge for
Sustainable Societies”

Conference Programme

Times in both local (Arizona) and UTC

[Session abstracts and speaker and moderator bios available here.](#)

[Register to attend the conference and receive the Zoom details via this link.](#)

[For questions, please contact Ms. Sophia Nordt, snordt@nas.edu.](#)

We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O’odham and the Yaqui. Committed to diversity and inclusion, the University strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.

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^ indicates in-person attendee

**Indicates live speaker for Q&A*

MONDAY 31 OCTOBER 2022

19:30 – 21:30 AZ/02:30 – 04:30 UTC

Welcome Dinner (*In-person participants, B2 Café*)

Welcome

Sir Richard Catlow, InterAcademy Partnership (IAP), UK[^]

Carlos Gonzales, University of Arizona, USA[^]

John Hildebrand, National Academy of Sciences (NAS), USA[^]

Poetry Reading

Ofelia Zepeda, University of Arizona, USA[^]

DAY 1: TUESDAY 1 NOVEMBER 2022

05:15-08:30 AZ Light breakfast available for in person participants in B2 Café

Note: In person attendees please arrive at the conference room at least 15 minutes before Session 1 starts to get familiarized with hybrid conferencing. Tech support staff will be on site to assist you connect your laptop or other device and will go through good practices.

All sessions (excluding session 3) will be recorded. These recordings will be accessible to the public on the IAP website within two weeks of the conference.

06:00 – 08:30 AZ/13:00 – 15:30 UTC

Session 1: Opening plenary conference session: Inclusive excellence and climate justice (150')

Welcome/Acknowledgement of land of indigenous peoples (2')

Gail Burd, University of Arizona, USA *^

Sir Richard Catlow ^* and **Depei Liu**, Co-Presidents, InterAcademy Partnership, UK and China (8')

Prosper Ngabonziza* and **Priscilla Kolibea Mante**^*, Co-Chairs, Global Young Academy (GYA), Rwanda and Ghana (4')

Hussam Mahmoud^* and **Stephanie Diem**^*, National Academy of Sciences New Voices (4')

S. Karly Kehoe, President, College of New Scholars, Artists, and Scientists, Royal Society of Canada, Canada (4')^*

Marcia McNutt, President, National Academy of Sciences, USA (5')

Julia Wright, Vice-President Designate, Royal Society Canada, Canada (5')

Digital Divide (20')

Isabelle Alice Zaugg, Columbia University, USA

10 minute break

The importance of including indigenous populations when establishing climate and/or health-related policies (30')

Nikki Cooley, Institute for Tribal Environmental Professionals, USA

Keynote (45')

Honorable Mary Robinson, former President of Ireland and UN Commissioner for Human Rights, Ireland*

08:30 – 08:50 AZ/15:30 – 15:50 UTC **Break (20')** Coffee provided at B2 Café

08:50 – 10:20 AZ/15:50 – 17:20 UTC

Session 2: Climate Change and Health (90')

Moderator: **Sir Andy Haines**, Co-Chair, IAP Working Group; London School of Hygiene and Tropical Medicine, UK*

Sherilee Harper, Co-Chair, Inter-American Network of Academies of Science (IANAS) Working Group, Canada*

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Robin Fears, Chair, European Academies' Science Advisory Council (EASAC) Working Group; Director, Biosciences Programme, EASAC, UK

Deoraj Caussy, Chair, Network of African Science Academies (NASAC) Working Group, Mauritius*

Victor Hoe, Chair, Association of Academies and Societies of Sciences in Asia (AASSA) Working Group, Malaysia *

Volker ter Meulen, Co-Chair, IAP Working Group; IAP Special Advisor, Germany*

10:20 – 10:30 AZ/17:20 – 17:30 UTC Break (10')

10:30 – 12:00 AZ/17:30 – 19:00 UTC

Session 3: Young Academies core session: Inclusive Excellence for Sustainable Societies: Making Space for At-Risk and Displaced Scholars (90')

Moderator: **S. Karly Kehoe**, College of New Scholars, Artists, and Scientists, Royal Society of Canada; Saint Mary's University, Canada*^

Encieh Erfani, Global Young Academy

Saja Al Zoubi, University of Oxford, UK*

Pinar Aksu, Right to Remain, Scotland*

12:00 – 13:30 AZ Lunch (90')

Lunch available for in person participants in B2 Café

13:30 – 16:00 AZ/20:30 – 23:00 UTC

Extended break (Optional tour of B2, additional meetings, or informal networking) (150')

16:00 – 17:30 AZ/23:00 – 00:30 UTC

Session 4: Science Advice by Young Academies on Critical Issues: why does it matter? (90')

Moderator: **Hussam Mahmoud**, Colorado State University, USA*^

Patricia Silveyra, National Academy of Sciences New Voices, USA

Connie Nshemereirwe, Global Young Academy and Uganda Young Academy, Uganda

Yoko Shimpuku, Global Young Academy and Young Academy of Japan, Japan

Jacek Kolanowski, Polish Young Academy and Young Academies Science Advice Structure, Poland*^

17:30 – 17:40 AZ/00:30 – 00:40 UTC Break (10')

17:40 – 19:10 AZ/00:40 – 02:10 UTC

Session 5: Engineering Complex Systems for Climate Change and Energy Transition (90')

Moderators: **Guru Madhavan**, National Academy of Engineering, USA and **John Boright**, National Academy of Sciences, USA*

Nuclear pathways

Mary-Jane Bopape, South African Environmental Observation Network, National Research Foundation, South Africa

Robin Grimes, Imperial College London, UK

Energy equity

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Chandrakant Patel, Hewlett Packard, USA

Necessary structural changes of the energy system

Abubakar Sambo, formerly the Energy Commission of Nigeria and Abubakar Tafawa Balewa University, Nigeria

Shaping and realizing transdisciplinary systems education for energy transition

Azad Madni, University of Southern California, USA*

Live reflections on science, engineering, and health policy implications

John Boright, U.S. National Academy of Sciences, USA*

19:10 – 19:30 AZ Break (20')

19:30 – 21:30 AZ/02:30 – 04:30 UTC Dinner (120') (*In-person participants, B2 Café*)

Cherry Murray, University of Arizona, USA^

Joaquin Ruiz, BioSphere 2, USA^

Robert C Robbins, President, University of Arizona, USA^

Day 2: Wednesday 2 November 2022

05:15-08:30 AZ Light breakfast available for in person participants in B2 Café

06:00 – 09:15 AZ/13:00 – 16:15 UTC

Session 6: WWMYA (YA 'business' meeting) (210')

By invitation only; registration required

09:30 – 11:00 AZ/16:30 – 18:00 UTC

Session 7: Combatting Predatory Academic Journals and Conferences: The Vital Role of Senior and Young Academies (90')

Moderator: **Tracey Elliott**, IAP Project Director, UK*

Overview of the IAP report and its key findings

Stefan Eriksson, IAP Working Group, Sweden*

Recommendations to academies and Higher Education Institutions

Susan Veldsman, IAP Working Group, South Africa*

National Case Studies

Mainul Hossain, National Young Academy of Bangladesh, Bangladesh*

Tereza Simova, Czech Academy of Sciences, Czech Republic*

Antonethe Castaneda, Academia de Ciencias Medicas, Físicas y Naturales de Guatemala, Guatemala*

Nirinia Khadgi, National Young Academy of Nepal, Nepal*

Oladoyin Odubanjo, Nigerian Academy of Science, Nigeria*

Rania Baleela, Sudanese National Academy of Science, Sudan*

11:00 – 11:10 AZ/18:00 – 18:10 UTC **Break (10')**

11:10 – 12:40 AZ/18:10 – 19:40 UTC

Session 8: Bridging Generations and Scientific Disciplines in Pandemic-fueled Innovations: Learning from the Covid-19 pandemic experience (90')

Moderator: **Solange Uwituze**, Rwanda Agriculture and Animal Resources Development Board, Rwanda*

Marie Chantal Cyulinyana, Rwanda National Council for Science and Technology, Rwanda

Aimee Geissler, Global Health Security, Rwanda

Edward HM Wang, University of the Philippines Manila, University of the Philippines Surgical Innovation and Biotechnology Laboratory, Philippines

Roxanne P. De Leon, University of the Philippines, University of the Philippines Surgical Innovation and Biotechnology Laboratory, Philippines

Jaime C. Montoya, Philippine Council for Health Research and Development, Philippines

12:40 – 14:00 AZ **Lunch (80')**

Lunch available for in-person participants in B2 Café

14:00 – 16:00 AZ/21:00 – 23:00 UTC

Extended break (Optional visit to Oracle State Park , additional meetings, and informal networking) (150')

16:00 – 17:30 AZ/23:00 – 00:30 UTC

Session 9: How to promote inclusiveness in Open Access Publishing Models (90')

Moderator: **Roula M. Abdel-Massih**, Central Michigan University; The World Academy of Sciences Young Affiliates Network, USA*^

Ariel M. Silber, University of São Paulo, Brazil*

Ana María Cetto, Universidad Nacional Autónoma de México, Mexico

Abdullah Shams Bin Tariq, University of Rajshahi, Bangladesh*

Fernanda Beigel, CONICET-National University of Cuyo, Argentina

Luke Drury, ALLEA - the European Federation of Academies of Science and Humanities, Germany*

17:30 – 17:40 AZ/00:30 – 00:40 UTC Break (10')

17:40 – 19:10 AZ/00:40 – 02:10 UTC

Session 10: Societal implications of Emerging Health Sciences and Technologies: Need for a New Governance Framework (90')

Moderator: **Victor Dzau**, President, National Academy of Medicine, USA*

Atul Butte, University of California San Francisco, USA*

Janet Rossant, The Gairdner Foundation; University of Toronto, Canada*

Jeff Kahn, Johns Hopkins Berman Institute of Bioethics, USA*

David Winickoff, Organisation for Economic Co-operation and Development, France

19:10 – 19:30 AZ/02:10-02:30 UTC Break (20')

19:30 – 21:30 AZ/02:30 – 04:30 UTC Dinner (120') (In-person participants, B2 Café)

John Hildebrand, National Academy of Sciences (NAS), USA^

Jorge Huete Perez, Nicaraguan Academy of Sciences, Nicaragua^

Day 3: Thursday 3 November

05:15-09:30 AZ Light breakfast available for in person participants in B2 Café

06:00 – 09:15 AZ/13:00 – 16:15 UTC

Session 11: IAP General Assembly (210')

<i>AZ TIME</i>	<i>BOOK</i>	<i>ITEM</i>	<i>PRESENTER</i>
6.00-6.05		<i>Welcome remarks</i>	<i>IAP Co-Presidents</i>
6.05-6.15	1	<i>Overview of GA agenda and goals</i>	<i>IAP Co-Presidents</i>
6.15-6.25	2	<i>Overview of IAP activities (2019-2022)</i>	<i>Peter McGrath and Rania Kosti</i>
6.25-7.05		<i>Review of Regional Networks activities</i>	<i>Representatives of Regional Networks: AASSA EASAC IANAS NASAC</i>
7.05-7.15	3	<i>Financial reports and next budget</i>	<i>Mike Clegg/Peter McGrath</i>
7.15-7.20	4	<i>Announcement of new Member Academies</i>	<i>Depei Liu</i>
7.20-7.45	5	<i>Discussion on IAP relationship with young academies</i>	<i>Krishan Lal</i>
7.45-8.00		<i>BREAK</i>	
8.00-8.10	6	<i>Horizon scanning results and potential sponsorship</i>	<i>Peter McGrath</i>

8.10-8.20		<i>Fundraising</i>	<i>Richard Catlow</i>
8.20-9.05	7	<i>Discussion on next Strategic Plan and opportunities for improving academy engagement</i>	<i>Wolfgang Holzgreve Peter McGrath Rania Kost</i>
9.05-9.10	8	<i>Official handover to new leadership</i>	<i>IAP Steering Committee (2019-2022) to IAP Board (2023-2026)</i>
9.10-9.15		<i>Next host for IAP Conference and GA Closing</i>	<i>IAP Board (2023-2026)</i>

09:15 – 09:30 AZ/16:15-16:30 UTC Break (15')

09:30 – 11:00 AZ/16:30 – 18:00 UTC

Session 12: Winning from greater inclusion: relation between diversity and academic culture (90')

Moderator: **Helen Eenmaa**, University of Tartu, Estonia*

Carlo D'Ippoliti, Sapienza University of Rome, Italy

Yensi Flores Bueso, University College Cork, Ireland

Pradeep Kumar, University of the Witwatersrand, South Africa

Olli-Ville Laukkanen, Rheinisch-Westfälische Technische Hochschule Aachen University, Germany

Boon-Han Lim, Universiti Tunku Abdul Rahman, Malaysia

Ester Oras, University of Tartu, Estonia

Marju Raju, Estonian Academy of Music and Theatre, Estonia

Anu Realo, University of Warwick, United Kingdom

Tarmo Soomere, Estonian Academy of Sciences, European Academies Science Advisory Council, Tallinn University of Technology, Estonia*^

11:00 – 11:10 AZ/18:00 – 18:10 UTC Break (10')

11:10 – 12:40 AZ/18:10 – 19:40 UTC

Session 13: Inclusion and participation of women in science academies (90')

Moderator: **Peter McGrath**, InterAcademy Partnership, Italy*^

Roseanne Diab, Academy of Science of South Africa; University of KwaZulu-Natal, South Africa*

Frances Separovic, University of Melbourne, Australia* ^

Roula Inglesi-Lotz, University of Pretoria, South Africa

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12:40 – 14:00 AZ Lunch (80')

Lunch available for in-person participants in B2 Café

14:00 – 16:00 AZ/20:30 – 23:00 UTC

Extended break (Optional activities, additional meetings, and informal networking) (150')

Meeting of elected IAP Board members + IAP secretariat (*Location tbd*)

16:00 - 17:30 AZ/23:00 – 00:30 UTC

Session 14: Inquiry-based Science Education for Sustainable Development: Leaving No One Behind (90')

Moderator: **Peter McGrath**, InterAcademy Partnership, Italy*[^]

Carol O'Donnell, Smithsonian Science Education Center, IAP Science Education Programme, USA*

Zaineb Afkhhkar, Mohammed VI Polytechnic University, Morocco*

Aphiya Hathayatham, National Science Museum, Thailand*

Wafa Skalli, IAP Science Education Programme; Hassan II Academy of Science and Technology, France*

17:30 – 17:40 AZ/00:30 – 00:40 UTC Break (10')

17:40 – 19:10 AZ/00:40 – 02:10 UTC

Session 15: Preparing academia for the future of meetings: opportunities and barriers (90')

Moderator: **Vanessa Moss***, 2022 Co-Deputy Chair of the Early- and Mid-Career Researchers (EMCR) Forum of the Australian Academy of Science, Australia and

Mohammad Taha*, 2022 Co-Deputy Chair of the EMCR Forum of the Australian Academy of Science, Australia

19:10 – 19:30 AZ/02:10 – 02:30 UTC Conference/Closing Remarks (20')

Incoming Presidents*[^], InterAcademy Partnership

19:45 – 21:45 AZ/02:45 – 04:45 UTC Farewell Dinner (*In-person participants; B2 Café*)

John Hildebrand[^], National Academy of Sciences, USA

Classical guitar concert

Thomas Patterson[^], University of Arizona, USA