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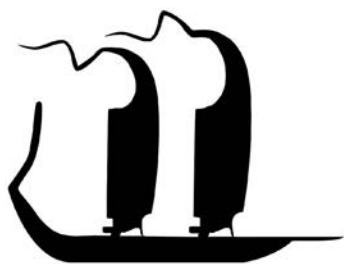
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Association Affairs

PACIFIC SCIENCE ASSOCIATION

ANNOUNCEMENTS

Tentative Sessions for the 23rd Pacific Science Congress (PSC-23)

PSA and Academia Sinica are working to confirm and finalize the approved sessions for the 23rd Pacific Science Congress (PSC-23). The Congress will be held 13–17 June 2016 at the campus of Academia Sinica in Taipei, Taiwan.

The current provisional list of sessions, which is still subject to change, is as follows:

I. Understanding and Addressing Environmental Challenges

Session	Chief Organizer	Session Organization
1-1 Climate Change Adaptation: Scientific Evidence, Assessment Framework and Decision-Making	Gin Rong Liu	National Central University
1-2 How Can Our Understanding of Social-Ecological Resilience Inform Transformations and Avoid the Need of Compensation for “Loss and Damage” to Human Health and Livelihoods?	Keith Morrison	The University of the South Pacific
1-3 Climate Change, Impacts, Mitigation, and Adaptation	Shaw-Chen Liu	Research Center for Environmental Changes, Academia Sinica
2-1 Feral Populations of Amphibians and Reptiles in Taiwan	Gaus Shang	Department of Biotechnology, Ming Chuan University, Taoyuan

Session	Chief Organizer	Session Organization
2-2 Marine Biodiversity: Phylogeography and Database	Benny Chan	Biodiversity Research Center
2-3 Addressing the Challenges of Invasive Species to Sustainable Biodiversity	Phil Cowan	Landcare Research
2-4 Coral Reef Conservation under Global Environmental Change	Thamasak Yeemin	Ramkhamhaeng University
2-5 Genomic Biodiversity among Organisms	John Wang	Biodiversity Research Center, Academia Sinica
2-6 Impact of Invasive Alien Species in the Ecosystems of the PABITRA Islands	Nat Tuivavalagi	Pacific Asia Biodiversity Transect (PABITRA) Network
2-7 Management of Wetland Ecosystem Services	Hsing-Juh Lin	Department of Life Sciences and Research Center for Global Change Biology, National Chung Hsing University
3-1 Symposium on Food and Water Security	Ming-Che Shih	Agricultural Biotechnology Research Center, Academia Sinica
3-2 Symposium on Allelochemicals in Agroecosystem	Chang-Hung Chou	Research Center for Biodiversity, China Medical University
3-3 Symposium on Food and Water Safety	Ming-Che Shih	Agricultural Biotechnology Research Center, Academia Sinica
3-4 Soil and Water in Sustainable Agriculture	Ming-Che Shih	Agricultural Biotechnology Research Center, Academia Sinica
3-5 Agriculture Biotechnology for Sustainability	Ming-Che Shih	Agricultural Biotechnology Research Center, Academia Sinica
3-6 Symposium on Nanotechnology and Its Application toward Agriculture Sustainability	Yao-Tung Lin	National Chung Hsing University/Chinese Sustainable Agriculture Association
3-7 Symposium on Bioenergy	Ming-Che Shih	Agricultural Biotechnology Research Center, Academia Sinica

II. Tackling Human and Social Challenges

Session	Chief Organizer	Session Organization
4-1 Early Disease Detection	Fu-Tong Liu	Institute of Biomedical Sciences, Academia Sinica
4-2 Emerging Infectious Diseases	Fu-Tong Liu	Institute of Biomedical Sciences, Academia Sinica
4-3 Personalized Medicine	Fu-Tong Liu	Institute of Biomedical Sciences, Academia Sinica
4-4 Environmental Hormones and Persistent Organic Pollutants	James I-Chan Cheng	Environmental Quality Protection Foundation
4-5 Food Safety and Environmental Toxicology	Yuan-Siao Chen	Toxicology Society of Taiwan
5-1 Longevity Revolution: Western Paths and Asian Paths Toward a Society After Population Aging	Emiko Ochiai (Invited Speaker)	Kyoto University
5-2 Cultural/Linguistic Diversity and Indigenous Knowledge	Chun-Fa Tung	College of Indigenous Studies, National Dong Hua University
5-3 Center-Periphery Relations: The Roles of the Nation-State for a Sustainable Future	Chen-Te Yang	Institute of Chinese Literature and Philosophy, Academia Sinica
	Mab Huang	Universal Declaration of Human Rights, Soochow University
5-4 Gender and Social Equity in the Public Sphere: From a Cross-Regional Perspective	Chin-Fen Chang	Institute of Sociology, Academia Sinica
5-5 Human Diversity and Development Goals: Making Digital and Social Transformations More Inclusive	Han-Teng Liao	United Nations University Institute on Computing and Society
5-6 Toward an Inclusive Development Research Modality for the Networked Age: Exploring Values, Theories, Methodologies, and Case Studies in the Field of ICT for Development	Ineke Buskens	United Nations University Institute on Computing and Society, Gender Tech Lab

Session	Chief Organizer	Session Organization
5-7 Challenges of Aging Populations: Old Age Care and Society	Bor-Wen Tsai	Department of Geography, National Taiwan University
	Shao-Hua Liu	Institute of Ethnology, Academia Sinica
5-8 Women and Economic Developments: Opportunities and Conflicts	Amber Wise	Chicago State University
5-9 Multiple Developments with Civilian and Community Initiatives	Dung-Sheng Chen	National Taiwan University Department of Sociology
6-1 Disaster Resilience through Big Open Data and Smart Things	Jane W. S. Liu	Institute of Information Science, Academia Sinica
6-2 Landslide Impacts to Sustainable Development	Hongey Chen	National Science and Technology Center for Disaster Reduction
6-3 Regional and Local Efforts on Implementation of the Sendai Framework for Disaster Risk Reduction	Wei-Sen Li	National Science and Technology Center for Disaster Reduction
6-4 Integrated Research on Disaster Risk	Hongey Chen	National Science and Technology Center for Disaster Reduction
6-5 Science for a Huge Disaster: Lessons from Great East Japan Earthquake and Others in Asian Countries	Kazuhiro Kogure	Atmosphere and Ocean Research Institute, the University of Tokyo
6-6 From Policy to Implementation, a Comprehensive and Integrated Disaster Risk Management	Hongey Chen	National Science and Technology Center for Disaster Reduction
7-1 Science for Sustainable Development: Empowering Women in the Global Challenge	Nancy Davis Lewis	Pacific Science Association and East-West Center
7-2 Gendered Innovations in Taiwan: Progress and Challenges	Li-Ling Tsai	National Kaohsiung Normal University
7-3 Urban Resilience in Pacific Island Nations	Darryn McEvoy	Royal Melbourne Institute of Technology University

Session	Chief Organizer	Session Organization
7-4 Nurturing a Green Society: Developing a Realistic Framework for the Development of Green Societies	Nordin Hasan	ICSU, ROAP
7-5 Co-Design Science for Sustainable Society with Stakeholders	Hein Malle	Research Institute for Humanity and Nature
7-6 Science for Society: Building Green Societies	Enkhtuvshin Batbold	Mongolian Academy of Sciences
8-1 Data and Digital Images: Progress, Tools, and Scientific Need for Digitizing Pacific Biological Specimen Collections	Shelley James	iDigBio, Florida Museum of Natural History
8-2 New Tools for Urban Ecology: Linking Biodiversity and Landscape Ecology in Sub-Tropical Areas	Hui-Chen Lin	Tunghai University
8-3 Advanced Biomaterial	Der-Tsai Lee	Institute of Chemistry, Academia Sinica
8-4 Bioimaging	To be confirmed	Institute of Physics, Academia Sinica
8-5 Data Visualization	To be confirmed	Institute of Statistical Science, Academia Sinica
8-6 Human-Machine Interfaces	To be confirmed	Institute of Information Science, Academia Sinica

Updates to this list of approved sessions will be posted on the PSC-23 Congress web site: <http://www.psc2016.sinica.edu.tw/>

B. Keynote Speakers for the 23rd Pacific Science Congress

Plenary Speakers for the PSC-23 have been confirmed, and include the following:

- Dr. Takashi Gojobori (King Abdullah University of Science and Technology) will speak on the topic of Biodiversity and Natural Resources
- Dr. Sandra Harding (University of California, Los Angeles) will speak on the topic of Human Diversity and Inclusive Development
- Mr. Lawrence Kent (Bill & Melinda Gates Foundation) will speak on the topic of Food/Water/Energy
- Dr. Yuan-Tseh Lee (Academia Sinica) will speak on the topic of Science for Society: Building Green Societies
- Dr. Gordon McBean (International Council for Science, ICSU) will speak on the topic of Disaster Risk Reduction

- Dr. George Whitesides (Harvard University) will speak on the topic of Emerging Technologies
- Dr. Chi-Huey Wong (Academia Sinica) will speak on the topic of Human Health
- Prof. David Wratt QSO (National Institute of Water and Atmospheric Research, New Zealand) will speak on “Climate Change and Earth System Sciences”

PSA ACTIVITIES

PSA Council Meeting

The PSA Council, which is the governing body of the Pacific Science Association, will take place during the upcoming 23rd Pacific Science Congress (PSC-23) in Taipei, Taiwan in June 2016. The Council is composed of delegates from each of the PSA Adhering Organizations, representing Australia, China-Beijing, China-Hong Kong, China-Taipei, France, Guam, Indonesia, Japan, Korea, Malaysia, New Zealand, Okinawa, Pacific Islands (Cook Islands, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu), Philippines, Russia, Singapore, Thailand, United States, and Vietnam.

PSA Executive Board Elections

PSA Executive Board elections will be held at the aforementioned PSA Council Meeting at the PSC-23 in Taipei in June 2016. All PSA Officer (President, Vice-President, Secretary-General, Treasurer) and Ordinary Board Member positions are open. Adhering Organizations were invited to propose a single name for each of the offices of President, Vice-President, Secretary-General, Treasurer, and for the Ordinary Members of the Executive Board.

The new PSA Board Members will serve from June 2016 to the end of the 24th Pacific Science Congress in 2020. We expect to announce the new members of the PSA Board by the end of June 2016.

Nancy Lewis Gives Plenary Address at Gro Brundtland Awards

PSA President Dr. Nancy Lewis was an invited plenary speaker for the “Gro Brundtland Week of Women in Sustainable Development” (GBW) held 21–26 February 2016 in Tainan, Taiwan (China-Taipei). The week-long GBW was held in Tainan, Taipei, and Hualien in honor of Dr. Gro Harlem Brundtland, the 2014 Tang Prize Laureate in Sustainable Development, to promote the involvement of younger women researchers from developing countries toward the issues of sustainable development and public health. In support of this goal, the Gro Brundtland Award provided support for five younger female scientists from developing countries to present their work at the event.

Compiled and edited by the PSA Council Resolutions Committee: Burke Burnett (PSA Executive Secretary), Chang-Hung Chou (PSA Vice President), Phil Cowan (PSA Council Delegate, New Zealand), Sang-Bok Han (PSA Council Delegate, Korea), and Kevin Johnson (PSA Council Delegate, USA)