



Panel Discussion on

Catalyzing Change: Science, Technology and Innovation in the Global South

10th May 2024

08:30 - 09:45

New York Time (GMT-4)

As a Side-event at
9th Annual Multi-Stakeholder Forum on
Science, Technology and Innovation
for the Sustainable Development Goals

Moderator

Ambassador Dr. M. Nafees Zakaria
Executive Director COMSATS

Panelists

1. **Prof. Zhaohui Lin**, Director, CAS-TWAS Center of Excellence for Climate and Environment Sciences & International Centre for Climate and Environment Sciences (ICCES), China
2. **Prof. Eduardo Posada**, Director, International Centre for Physics (CIF), Colombia
3. **Prof. Chaoguang Tian**, Deputy Director-General (International Cooperation), Tianjin Institute of Industrial Biotechnology (TIB), China
4. **Prof. Ilmi G. N. Hewajulige**, Additional Director General (Research and Development), Industrial Technology Institute (ITI), Sri Lanka, and
5. **Ms. Jeongmin Kwon**, Industrial Development Expert, United Nations Industrial Development Organization, (UNIDO), Austria

Programme

New York Time (GMT-4)

- 08:30 Introduction by the Moderator
- 08:35 Panelists' Centre/Institution's endeavors towards facilitating the achievements of SDGs, nationally and globally
- 09:00 How can South-South and Triangular Cooperation be effectively employed for achieving SDGs, particularly for socio-economic uplift of the global South?
- 09:10 What role does suitably qualified and skilled workforce play in bringing about a positive change in the society, particularly for providing tech-based solutions to various global challenges?
- 09:20 What role the emerging technologies, such as AI and machine learning, IoT, Big Data, data analytics, quantum computing, renewable energy technologies, etc., can play in the sustainable socio-economic development of the countries of the South?
- 09:30 Open Discussion
- 09:40 Wrap-up and Concluding Remarks

Profiles of the Panelists



Prof. Zhaohui Lin

Prof. Zhaohui Lin is the Director of CAS-TWAS Center of Excellence for Climate and Environment Sciences, and International Center for Climate and Environment Sciences (ICES), China. He is actively involved in international collaborations and has been and significantly contributing to research and development activities. Prof. Lin has expertise in the fields of earth system modeling, disaster forecasting, and project leadership with oversight of numerous national research initiatives. With over 180 peer-reviewed publications, he has received prestigious awards including second Grade of National Natural Science Award (2005), the first Grade of the Award for Progress of Science and Technology by the Chinese Ministry of Education (2006), and the Outstanding Science and Technology Achievement Prize of the Chinese Academy of Sciences (2011).



Prof. Eduardo Posada

Prof. Eduardo Posada, a Physicist, and the Founding Director of International Centre for Physics (CIF), Colombia. He has been Associate Professor and Emeritus of the National University of Colombia, Emeritus Researcher of Colciencias, President of the Colombian Association for the Advancement of Science (ACAC), Member of the Colombian Academy of Exact, Physical and Natural Sciences, Co-founder and Member of the Board of Directors of Maloka (an interactive science Museum in Bogota). He is recipient of numerous distinctions, including the Alejandro Ángel Escobar Award, the Líderes de Colombia Award from Semana Magazine and the Exemplary Colombian Award. He was a member to the Mission of Science, Education and Development in 1994 and a Member of the International Mission of Wise Men for the Advancement of Science, Technology and Innovation (2019).



Prof. Tian Chaoguang

Prof. Tian Chaoguang is the Deputy Director-General of Tianjin Institute of Industrial Biotechnology (TIB), China. He is one of the most notable scientists of China in the field of biomanufacturing and his main research areas are on fungal synthetic biology, addressing the

fundamental questions of lignocellulose degradation, and biobased chemicals conversion using the filamentous fungi as working system.



Prof. Ilmi G. N. Hewajulige

Prof. Ilmi Hewajulige is the Additional Director General (Research and Development) and Research Professor at the Industrial Technology Institute (ITI), Sri Lanka. Prof. Ilmi has nearly 30 years of research experience in post-harvest management of fruit and vegetables, food technology, food safety, and food supply chain management. She has been actively involved as a Principal Investigator/ Co-Investigator in more than 45 nationally and internationally funded R&D projects. She has earned more than 100 scientific publications, two patents and many national and international awards. Prof. Ilmi has extensive experience in working with food related industries on technology development and technology transfer. Prof. Ilmi has served as a National Consultant on Fruit and Vegetable Postharvest Value Chains for the Food and Agriculture Organization (FAO) and currently serves in many foods related national advisory committees of Sri Lanka.



Ms. Jeongmin Kwon

Ms. Jeongmin Kwon is affiliated with United Nations Industrial Development Organization (UNIDO) as Industrial Policy Officer. She provides capacity development support and policy advisory services around industrial policies. Ms. Kwon provides assistance to Member States in leveraging science, technology and innovation for industrial development. Ms. Kwon is on secondment from the Ministry of Foreign Affairs of the Republic of Korea to UNIDO, where she has served for 12 years as a Foreign Service Officer. Her role at the Korean Ministry was to provide support for development of bilateral and multilateral cooperation.

Please join the Panel Discussion

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