

Time	Room	Programme
10.20 - 11.00	Room A	<p>Theme 1 - Artificial Intelligence, Big Data, and Digital Transformation for Sustainable Development</p> <p>Moderator: Dr. Ahmad Saikhu</p> <p>Session 1: AI Enhanced Earth System Modeling and Prediction for Sustainable Development in the Global South Prof. Lin Zhaohui (Director, International Centre for Climate and Environment Sciences, China)</p> <p>Session 2: The Impact of Copilot AI in Education and Society Prof. Adhi Dharma Wibawa (Head, Center for Artificial Intelligence and Health Technology, Institut Teknologi Sepuluh Nopember, Indonesia)</p>
10.20 - 11.00	Room B	<p>Theme 2 - Renewable Energy, Energy Storage, and Green Technologies</p> <p>Moderator: Dr. Ridho Hantoro</p> <p>Session 1: Green Chemistry: Transforming Local wastes into High-Value Products for Sustainable Development Mr. Yousef Alshekh (Vice Director, Higher Institute for Applied Sciences and Technology, Syria)</p> <p>Session 2: Development of Sustainable Energy and Agriculture Integration Platform Dr. Dedet Chandra (Head, Research Center for Energy and Mineral Resources Studies, Institut Teknologi Sepuluh Nopember, Indonesia)</p>
11.00 - 11.40	Room A	<p>Theme 3 - Climate Change Mitigation, Adaptation, and Environmental Technologies</p> <p>Moderator: Dr. Berlian Al Kindhi</p> <p>Session 1: Access to Green Technologies by Developing Countries Prof. Carlos M. Correa (Executive Director, South Centre, Switzerland)</p> <p>Session 2: Emerging Technologies For Disaster Resilience And Climate Adaptation Toward Sustainable Development Dr. Hepi Hapsari Handayani (Head, Research Center for Disaster Mitigation and Climate Change, Institut Teknologi Sepuluh Nopember, Indonesia)</p>
11.00 - 11.40	Room B	<p>Theme 4 - Advanced Materials, Biomaterials, Nanotechnology, and Industrial Innovation</p> <p>Moderator: Dr. Sri Yani Purwaningsih</p> <p>Session 1: Mathematical Modeling for Crevice and Pitting Corrosion in Petroleum Industry Prof. Benjamin O. Oyelami (Director/Chief Executive, National Mathematical Centre, Nigeria)</p> <p>Session 2: From Nano to Nation: Accelerating Industrial Innovation Through Advanced Materials Research at ITS Prof. Agung Purniawan (Head, Research Center for Advanced Materials and Nanotechnology Studies, Institut Teknologi Sepuluh Nopember, Indonesia)</p>
13.00 - 14.20	Room A	<p>Theme 5 - Biotechnology, Health Technologies, Pharmaceuticals, Medical Devices, Healthcare Informatics, and Bio-innovation</p> <p>Moderator: Dr. Mukhammad Muryono</p> <p>Session 1: Biomanufacturing driving high-quality sustainable development—TIB's vision and actions Prof. Jibin Sun (Founding Director, COMSATS Joint Centre for Industrial Biotechnology, China)</p> <p>Session 2: Current Developments in Drug Delivery Systems Prof. M. Raza Shah (Director, International Center for Chemical and Biological Sciences, Pakistan)</p> <p>Session 3: Leveraging on technology to have insight into Temporal-Spatial dynamics of infectious diseases Prof. Benjamin O. Oyelami (Director/Chief Executive, National Mathematical Centre, Nigeria)</p> <p>Session 4: Integrating Bioscience and Biodiversity: From Genomic to Food Security and Health Prof. Nurul Jadid (Head, Subdirectorat of Community Service, Institut Teknologi Sepuluh Nopember, Indonesia)</p>
13.00 - 14.00	Room B	<p>Theme 6 - Water, Food, and Agricultural Technologies for Resource Security (including Halal Industry and Sustainable Food Supply Chains)</p> <p>Moderator: Dr. Catur Arif Prastyanto</p> <p>Session 1: Postharvest Losses and Food Safety of Fresh Fruits and Vegetables; Current status and Way forward Prof. Ilimi G. N. Hewajulige (Director General, Industrial Technology Institute, Sri Lanka)</p> <p>Session 2: Innovation: A solution to the Cassava grown societies Engr. Humphrey Peter NDOSSI (Director, Industrial Research Tanzania Industrial Research and Development Organization, Tanzania)</p> <p>Session 3: Circular Bioeconomy through Biovalorization of Agricultural Waste Prof. I D A A Warmadewanthi (Head, Research Center for Sustainable Infrastructure and Environment, Institut Teknologi Sepuluh Nopember, Indonesia)</p>
14.00 - 15.00	Room B	<p>Theme 7 - STI Policies, Innovation Ecosystems, and Technology Governance in Developing Countries</p> <p>Moderator: Mr. Lazuardi Al Muzaki</p> <p>Session 1: ICENS: Supporting Science Policy and the SDGs in Jamaica and Beyond Ms. Leslie Ann Hoo Fung (Senior Research Scientist, International Centre for Environmental and Nuclear Sciences, Jamaica)</p> <p>Session 2: AAHSI Programme: Leverage the Integration of Science, Technology and Industrial Innovation under the Open Science Policy Dr. Yi Zhijun (Deputy Executive Director, Alliance of National and International Science Organizations for the Belt and Road Regions, China)</p> <p>Session 3: Revolutionizing Recognition of Prior Learning (RPL) Through AI-Driven Modular Education at Nusantara Digital University Dr. Arman Hakim (Head, Research Center for Industrial Development and Public Policy Studies, Institut Teknologi Sepuluh Nopember, Indonesia)</p>