



International Conference on Science, Technology and Society 2026 iCON-STs 2026 | *STI for Social Good*

22-24 July 2026

PROGRAMME

Time	22 July Events	Time	23 July Events
8.30 am	Registration	8.30 am	Registration
9.00 am	Opening Ceremony	9.00 am	Parallel Sessions I
10.30 am	Morning Tea	10.30 am	Plenary Session III: Professor Dr Phillip Macnaghten (Wageningen University)
11.00 am	Plenary Session I: Professor Dr Joy Zhang (University of Kent)	11.15 am	Morning Tea
11.30 am	Plenary Session II: Professor Dr Kuo Wen-Hua (National Yang Ming Chiao Tung University)	11.30 am	Plenary Session IV: Professor Emeritus Datuk Dr Azizan Baharuddin (Universiti Malaysia)
12.00 pm	Lunch	12.30 pm	Lunch
2.00 pm	Panel Discussion: Chair: Dr Oliver Pritchard Moore (University of Kent) Panel Members: Professor Dr May Lwin (Nanyang Technological University) Prof. Noorsaadah Abd Rahman (Secretary-General, Academy of Sciences Malaysia) Dr Sebastian Soon Hong Kwan (Member, Young Scientist Network, Academy of Sciences Malaysia) Dr Juliette Mutheu-Asego (SciLink Global) Professor Dr. Rachel Sterken (Hong Kong University)	2.00 pm	Parallel Sessions II
		3.30 pm	Closing ceremony
4.00 pm	Networking Afternoon Tea	Time	24 July Events
5.00 pm	Conference Dinner (Kampung Nelayan)	Various	Cultural Excursions

ORGANISED BY

IN COLLABORATION WITH

International Conference on Science, Technology and Society 2026 (iCon-STs 2026)
STI for Social Good: Adapting Policy, Society and Industries for Sustainable Development
22 - 24 July 2026

Parallel Session

Day 2 - 23 July 2026 (Thursday)

PARALLEL SESSION 1 – SCIENCE COMMUNICATION

09:00 AM – 10:30 AM [UTC +8. Malaysia Time (MYT)]

Room	Time	Presenter Name	Title	Affiliation
Smart Classroom Moderator: Dr Nurulaini binti Abu Shamsi Duan Yating	9:00 AM – 9:15 AM	Supa Tanprasertkun	Assessing Science Literacy In Thailand: Development Of A National Science And Technology Awareness Index	National Science Museum, Thailand
	9:15 AM – 9:30 AM	Hao Xin	How Organizational Intermediaries Activate Multi-Actor Collaboration in Socialized Science Communication: A Key Case from Zhejiang, China	Zhejiang University, China
	9:30 AM – 9:45 AM	Yap Chin Kein	Levelling Up Connections: How Gameful Experience Builds Social Capital among Malaysian Private University Students	University of Wollongong (UOW) Malaysia, Malaysia
	9:45 AM – 10:00 AM	Ji Hei Lee	Student-Led ESG Innovation in Higher Education: Enhancing Sustainability Literacy and Employability	University of Reading Malaysia, Malaysia

PARALLEL SESSION 1 – INNOVATION ECOSYSTEMS

09:00 AM – 10:30 AM [UTC +8. Malaysia Time (MYT)]

Room	Time	Presenter Name	Title	Affiliation
Auditorium Moderator: Associate Professor Dr Zeeda Fatimah Mohamed Han Xiao	9:00 AM – 9:15 AM	Suzana Ariff binti Azizan	Communicating Digital Skills for Inclusion: An Approach to Empowering Youth with Learning Disabilities	Universiti Malaya, Malaysia
	9:15 AM – 9:30 AM	Geetha A/P Chandra Regan	Assessing Market Readiness, Entrepreneurial Opportunities And Systemic Barriers Within The Malaysian Black Soldier Fly Industry	Universiti Malaya, Malaysia
	9:30 AM – 9:45 AM	Ng Boon Kwee	From Grassroots Innovations to Social Enterprise: A Transition Framework for Community-led Innovation	Universiti Malaya, Malaysia
	9:45 AM – 10:00 AM	Mathuri Paramasevam	Stakeholder Perspectives On Factors And Barriers Of Implementation And Scaling-Up Of Plant Molecular Farming In Malaysia	Universiti Malaya, Malaysia
	10:00 AM – 10:15 AM	Muhammad Rudy Khairudin Bin Mohd Nor	A Policy Framework to Enhance Malaysia's Trade Negotiation Competency	Universiti Teknologi Malaysia, Malaysia

PARALLEL SESSION 1 – SOCIO-CULTURAL DELIBERATION 1

09:00 AM – 10:30 AM [UTC +8. Malaysia Time (MYT)]

Room	Time	Presenter Name	Title	Af filiation
Seminar Room 3 Moderator: Kenneth Fung Hon Ngen Tan Yun You	9:00 AM – 9:15 AM	Sakshi Virendra Katre	People’s Participation and Knowledge Sharing in Frugal Housing Initiatives for Sustainable Urban Development	Jawaharlal Nehru University, New Delhi, India
	9:15 AM – 9:30 AM	Rifki Nurfajri Ramadhan	History of the Rise and Perceived Dominance of Molecular Biology Research Unit in the Field of Life Science	Independent Researcher
	9:30 AM – 9:45 AM	Chai Choon Lee	Seeing through Machines: AI Image Captioning as a Socio-Technical System of Cultural Interpretation	Red Deer Polytechnic, Canada
	9:45 AM – 10:00 AM	Ulul Hidayah	Assessing Social Carrying Capacity For Systemic Sustainability: Evidence From A Tourism–Dependent Coastal Community In Sambau Sub-District, Batam, Indonesia	Universitas Terbuka, Indonesia

PARALLEL SESSION 1 – SOCIO-CULTURAL DELIBERATION 2

09:00 AM – 10:30 AM [UTC +8. Malaysia Time (MYT)]

Room	Time	Presenter Name	Title	Affiliation
Seminar Room 4 Moderator: Dr Mohd Zufri bin Mamat Zhang Zejin	9:00 AM – 9:15 AM	He Jianzhen	Robot Abuse in the Digital Era: Ethical and Regulatory Challenges of Human–Robot Interaction	Universiti Malaya, Malaysia
	9:15 AM – 9:30 AM	Mohd Ziyad Afiq Bin Mohd Zaharim	Can Digital Mental Health Interventions in Mobile Applications Function as Generalised Resistance Resources? A Salutogenic Framework for Strengthening Sense of Coherence Among Malaysian Youth	Universiti Malaya, Malaysia
	9:30 AM – 9:45 AM	Hikmah Zikriyani	From Knowledge to Consumption: Public Perceptions of Edible Mushrooms and Their Role in Sustainable Food Systems in Indonesia	Universitas Terbuka, Indonesia
	9:45 AM – 10:00 AM	Noor Munirah binti Isa	Ethical Governance Challenges in Human Embryo and Stem Cell- Based Embryo Models (SCBEM) Research in Malaysia	Universiti Malaya, Malaysia
	10:00 AM – 10:15 AM	Rui Li	From Privatized Pastures to Technologized Commons: Socio- Technical Responses to Ecological Uncertainty in Inner Mongolia	Harbin Engineering University, China

PARALLEL SESSION 2 – SCIENCE COMMUNICATION 1

02:00 PM – 3:30 PM [UTC +8. Malaysia Time (MYT)]

Room	Time	Presenter Name	Title	Affiliation
Smart Classroom Moderator: Dr Muhammad Aidil bin Roslan He Jianzhen	2:00 PM – 2:15 PM	Nurulaini binti Abu Shamsi	Empowering Malaysian Scientists to Communicate Antarctic Research: Bridging Polar Discoveries	Universiti Malaya, Malaysia
	2:15 PM – 2:30 PM	Bhasit Hongthong	The Role of NSM Science Square as an Informal Learning Center in Thailand	National Science Museum, Thailand
	2:30 PM – 2:45 PM	Tan Yun You	Net-Zero Communication in China: Corporate Discourse and Public Mobilization By Multinational Corporations	Universiti Malaya, Malaysia
	2:45 PM – 3:00 PM	Wanwachee Sutjaritthum	Fostering Creative Ideation in Science Museums: An Immersive VR Exhibition for Environmental Robot Design	National Science Museum, Thailand
	3:00 PM – 3:15 PM	Puteri Nurdiyana binti Khir Annuar	Developing an Integrated Museum Exhibition Framework: A Preliminary Study	Universiti Malaya, Malaysia

PARALLEL SESSION 2 – SCIENCE COMMUNICATION 2

02:00 PM – 3:30 PM [UTC +8. Malaysia Time (MYT)]

Room	Time	Presenter Name	Title	Affiliation
Seminar Room 3 Moderator: Dr Nor Aishah binti Abdullah Timekeeper: Nik Luqman Hafiz Nik Mohd Faisal Idham	2:00 PM – 2:15 PM	Sarmila A/P Muthukrishnan	Assessing Carbon Footprint Awareness: A Comprehensive Study Of Knowledge, Attitudes, And Behavioral Intentions Among Universiti Malaya Students	Universiti Malaya, Malaysia
	2:15 PM – 2:30 PM	Duan Yating	Cross-Cultural Dissemination Of Traditional Chinese Medicine Through The Belt And Road Initiative: Exploring The Influence Of Policies, Cooperation, And Communication In Southeast Asia.	Universiti Malaya, Malaysia
	2:30 PM – 2:45 PM	Wu Yuze	Bridging the Technology Gap: A Pre-Service Teacher Training Intervention for Computational Thinking and Mobile App Development Using MIT App Inventor	Universiti Malaya, Malaysia
	2:45 PM – 3:00 PM	Han Xiao	Science Communication through the science fiction films industry in China: trends, impacts, and policies	Independent researcher
	3:00 PM – 3:15 PM	Zhang Zejin	Measuring Environmental Literacy: A Systematic Review of Global Assessment Instruments and Their Methodological Assumptions	Universiti Malaya, Malaysia

PARALLEL SESSION 2 – INNOVATION ECOSYSTEMS

02:00 PM – 3:30 PM [UTC +8. Malaysia Time (MYT)]

Room	Time	Presenter Name	Title	Affiliation
Auditorium Moderator: Dr Mohd Faizal bin Hamzah Timekeeper: Associate Professor Dr Zeeda Fatimah	2:00 PM – 2:15 PM	Alessandra Nasharyna anak George Martin	Building a Black Soldier Fly (BSF) Industry: A Systematic Review of the Entrepreneurial Opportunities and Systemic Barriers in the Animal Feed Value Chain	Universiti Malaya, Malaysia
	2:15 PM – 2:30 PM	Nor Farzana Binti Abd Ghani	Towards Intelligent Halal Tourism: A Comparative Stakeholder Analysis of Japan and Malaysia	Universiti Utara Malaysia, Kuala Lumpur Campus
	2:30 PM – 2:45 PM	Nor Azlina binti Abd. Aziz	SustainED: Circular Waste Solutions in Composting and Community Food Growing. A case-study	Universiti Malaya, Malaysia
	2:45 PM – 3:00 PM	Nurzatil Sharleeza binti Mat Jalaluddin	Regulatory Perspectives for Plant Molecular Farming in Malaysia	Universiti Malaya, Malaysia
	3:00 PM – 3:15 PM	Lt Col Assoc Prof Dr. S. Ananthan (R)	Strategic Autonomy in Munitions: An Analysis of the Malaysian Defence Ammunition Production Landscape.	Universiti Pertahanan Nasional Malaysia

PARALLEL SESSION 2 – SOCIO-CULTURAL DELIBERATIONS

02:00 PM – 3:30 PM [UTC +8. Malaysia Time (MYT)]

Room	Time	Presenter Name	Title	Affiliation
Seminar Room 4 Moderator: Dr Noor Munirah binti Isa Timekeeper: Ainur Fatihah	2:00 PM – 2:15 PM	Maisarah Hasbullah	Towards a Spirituality-Infused AI Ethical Framework for Human Autonomy.	Universiti Malaya, Malaysia
	2:15 PM – 2:30 PM	Mohd Zufri Mamat	Empowering Communities through University- Community Engagement: Socioeconomic Empowerment of Persons with Disabilities (PWD) via Aquaponics Innovation	Universiti Malaya, Malaysia
	2:30 PM – 2:45 PM	Mohd Salim Mohamed	Developing an Instructional Design Framework for Scientific Ethics Education in Higher Education Institutions Using the ASSURE Model and the Fuzzy Delphi Method	Universiti Malaya, Malaysia
	2:45 PM – 3:00 PM	Nurulain Natasha Binti Muhammad Aris Fadzilah	Reframing Planetary Health Education: A Maqasidic Approach	Universiti Malaya, Malaysia
	3:00 PM – 3:15 PM	Muhammad Zaid Zainuddin	Integrating Bioanthropology and Science Diplomacy: A Potential Way Forward	Universiti Teknologi MARA (UiTM), Malaysia