

17th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management (IEEE HNICEM 2025)

November 28 - December 1, 2025

Waterfront Cebu City Hotel & Casino, Cebu City, Philippines

Theme: "Intelligent Systems for a Sustainable Future"

PROGRAMME

November 28, 2025 - Cebu Technological University – Main Campus

2:00 PM - 4:00 PM

Workshop Note: Registration Required

November 29, 2025 - Waterfront Cebu City Hotel

7:15 AM - 8:00 AM

Registration

Caspian Room

8:00 AM - 9:00 AM

Opening Program

Emcee:
Prof. Laurence Gan Lim, PhD
De La Salle University

8:00 AM – 8:15 AM

Welcome Remarks

Acd. Elmer Dadios, PhD
Honorary General Chair
IEEE HNICEM 2025

8:15 AM – 8:25 AM

Message from DOST National
Academy of Science and
Technology, Philippines (NAST PHL)

Acd. Alvin Culaba, PhD
Vice President, NAST PHL, and
Commissioner on Science & Technology at the
UNESCO Philippines National Commission

8:25 AM – 8:45 AM

Keynote Speech

Prof. Tirso Ronquillo, PhD
ASEAN Engineer
Professional Electronics Engineer
President, Batangas State University
President, Philippine Association of State
Universities and Colleges (PASUC)

8:45 AM – 9:00AM

Inspirational Message

Prof. Yong Jin Park, PhD
Universiti Malaysia Sabah, Malaysia

9:00 AM – 10:00 AM	Plenary Session 1	Speaker: Prof. Toshio Fukuda, PhD Professor Emeritus, Nagoya University Moderator: Acd. Elmer Dadios, PhD De La Salle University Topic: “Embodied Intelligence and Robot - AI Robots and Future Direction”
10:00 PM – 10:15 PM	Break	
10:15 AM – 11:15 AM	Plenary Session 2	Speaker: Prof. Joel Cuello, PhD The University of Arizona Moderator: Acd. Alvin Culaba, PhD De La Salle University Topic: “WATER AND FIRE: From Offworld Bioreactors to JoMactt Windows – Harnessing Water and Sun for Sustainable Intelligent Innovations for the Earth and Beyond”
11:15 AM – 12:15 PM	Plenary Session 3	Speaker: Prof. Marcelo Ang, PhD National University of Singapore Moderator: Prof. Edwin Sybingco, PhD De La Salle University Topic: “Soft Robotics for Unstructured and Human Environments”
12:15 PM – 1:15 PM	Lunch	
1:15 PM – 2:15 PM	Plenary Session 4	Speaker: Prof. Oussama Khatib, Ph.D. Stanford University Moderator: Prof. Marcelo Ang, PhD National University of Singapore Topic: “Shaping the Future of Human-Robot Collaboration: Deep Sea, Health Care, and the Workplace”

2:15 PM – 3:15 PM	Plenary Session 5	Speaker: Prof. Raouf Naguib, PhD Liverpool Hope University, UK Moderator: Prof. Ryan Vicerra, PhD De La Salle University Topic: “When Humans Meet Machines: Interactional Challenges in Healthcare AI”
3:15 PM – 3:30 PM	Break	
3:30 PM – 4:00 PM	Plenary Session 6	Speaker: Prof. Seyedali Mirjalili, PhD Torrens University Moderator: Prof. Argel Bandala, PhD De La Salle University Topic: “Increasing Automation in Optimization with Agile Workflows and Large Language Models”
4:00 PM – 4:05 PM	Briefing of Parallel Presentations	Dr. Ronnie Concepcion II De La Salle University
4:30 PM – 5:15 PM	Parallel Session	Sustainable Development Track
6:00 PM – 8:00 PM	Banquet Dinner and Cultural Presentations	Venue: Caspian
End of Day 1		