

2023 SATU's Connection to Philippines: A Technical Workshop of the SATU Local Chapter

Smart Engineering for Planet and People

Date & Time : 24 August 2023 (Thursday) 09:00 – 16 :30

Venue : Mapua Cardinal Cinema, Mapua University,
Makati Campus, Philippines

Moderator : Edward Jay M. Quinto, PhD

Time	Program
08.30 – 09.00	Registration
09.00 - 09.10	Opening Remarks Dr. Dodjie S. Maestrecampo <i>President of Mapua University</i> Prof. Kevin Chao-Hung Lin <i>Associate Vice President for International Affairs, NCKU</i>
09.10 - 09.20	Group Photo Session
09.20 - 09.35	Collaboration Opportunities under SATU Presidents' Forum Representative of SATU Presidents' Forum International Secretariat
Panel 1 – Smart Engineering in Ocean, Renewable Energy Chair : Dr. Aldrin Calderon	
09.35 – 09.50	Application of ANN to renewable energy (Exact title TBC) Dr. Bonifacio T. Doma, Jr <i>Professor, School of Chemical, Biological, Materials Engineering and Sciences;</i> <i>Executive Vice President for International Alliances and Cintana Partnership Executive Director</i> <i>Mapua University</i>
09.50 - 10.00	Q & A
10.00 - 10.15	Ocean Renewable Energy (Exact title TBC) Dr. Yu-Hsien LIN <i>Associate Professor</i> <i>Dept of Systems and Naval Mechatronic Engineering, NCKU</i>
10.15 - 10.25	Q & A
10.25 – 10.40	Break
Panel 2 – Smart Engineering in Resource Management Chair : Dr. Delia B. Senoro	
10.40 - 10.55	Application of ANN in surface water and soil quality assessment with respect to metals concentration (Exact title TBC) Dr. Cris Edward F. Monjardin <i>Assistant Professor</i> <i>School of Civil, Environmental and Geological Engineering</i> <i>Mapua University</i>
10.55 – 11.05	Q & A
11.05 – 11.20	Developing Intelligent System Dynamic Management Instruments on Water-Food-Energy Nexus toward Sustainable Green Economy in Response to Urbanization

	Dr. Wen-Ping TSAI <i>Assistant Professor</i> <i>Dept of Hydraulic and Ocean Engineering, NCKU</i>
11.20 – 11.35	Q & A
11.35 – 11.40	Wrap up for the morning session
11.40 – 13.45	Lunch
13.45 – 15.55	Networking Activities
15.55 – 16.30	Wrap-up Session : Presentation of Topics for Potential Collaboration