



UNIVERSIDAD POLITÉCNICA
SALESIANA
ECUADOR

**INTERNATIONAL CONFERENCE ON
MULTIDISCIPLINARY RESEARCH AND INNOVATIONS**
WMSU MAIN CAMPUS, NORMAL ROAD, BALIWASAN, ZAMBOANGA CITY
PROGRAM OF ACTIVITY

**DAY 1
APRIL 17, 2024**

TIME	ACTIVITY	
7:30 AM - 8:00 AM	Registration	
8:00 AM - 9:00 AM	Opening Program	
	Doxology	WMSU Grand Chorale
	National Anthem	
	Zamboanga Hermosa	
	Highlighting the University Profile	
	Intermission Number	WMSU Jambangan
	Welcome Remarks	Dr. Ma. Carla A. Ochotorena <i>President</i> <i>Western Mindanao State University, Philippines</i>
	Opening Remarks	Dr. P. Juan Cárdenas Tapia, sdb <i>Rector</i> <i>Universidad Politécnica Salesiana, Ecuador</i>
	Introduction of Keynote Speaker	Dr. Ma. Carla A. Ochotorena <i>President</i> <i>Western Mindanao State University, Philippines</i>
	Keynote Speech	Hon. John M. Dalipe <i>Mayor, Zamboanga City</i>
Presentation of Participants, Speakers, and Guests	Dr. Reynante E. Autida <i>Conference Director</i>	
9:00 AM - 9:40 AM	Discussion and Mechanics of House Rules	Dr. Reynante E. Autida <i>Conference Director</i>
	Presentation of the Criteria for Best Paper and Best Poster	Engr. Swidin S. Husin, <i>Chair, Awards Committee</i>
	Ceremonial Opening of Poster Exhibits	
	Photo Opportunity	
Health Break		
9:40 AM - 10:40 AM	Plenary Session 1 "Educational Public Policies in Latin America"	Dr. P. Juan Cárdenas Tapia, sdb <i>Rector</i> <i>Universidad Politécnica Salesiana, Ecuador</i> <i>Moderator: Dr. Ericson O. Alieto</i>



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TIME	ACTIVITY	
10:40 AM – 12:20 PM	Parallel Session 1 Room 1 (Public Administration): 5 <i>Presenters</i> Room 2 (Biology & Environmental Studies): 5 <i>Presenters</i> Room 3 (Education): 5 <i>Presenters</i>	Room 1 (WMSU Gymnasium) <i>Moderator: Mr. Cedrick S. Zabala</i>
		Room 2 (CSSPE – AVR) <i>Moderator: Dr. Dulce-Amor P. Matondo</i>
		Room 3 (CTE Social Hall) <i>Moderator: Dr. Ryan B. Cabangcala</i>
12:20 PM – 1:30 PM	LUNCH BREAK	
1:30 PM – 2:30 PM	Plenary Session 2 “Gamification in Education”	Dr. Angel Torres Toukoumidis <i>Professor,</i> <i>Universidad Politécnica Salesiana, Ecuador</i> <i>Moderator: Dr. Ericson O. Alieto</i>
2:30 PM – 3:30 PM	Plenary Session 3 “Machine Learning in the Detection of Heart Abnormalities and Classification Pathologies”	Dr. Rene Luna-Garcia <i>Physics Professor,</i> <i>Instituto Politecnico Nacional, Mexico</i> <i>Moderator: Dr. Marvin A. Maulion</i>
3:30 PM – 5:10 PM	Parallel Session 2 Room 1 (Physics, Chemistry, and Mathematics) : 5 <i>Presenters</i> Room 2 (Biology and Environmental Studies) : 5 <i>Presenters</i> Room 3 (Social Sciences and Education): 5 <i>Presenters</i> Health Break	Room 1 (WMSU Gymnasium) <i>Moderator: Asso. Prof. Vinchail A. Siason</i>
		Room 2 (CSSPE – AVR) <i>Moderator: Mr. Joe Merfurt N. Lama</i>
		Room 3 (CTE Social Hall) <i>Moderator: Dr. Pilar S. Caparas</i>
6:30 PM	Conference Banquet Mayor’s Night	

DAY 2 APRIL 18, 2024

8:00 AM – 8:45 AM	Registration/ Attendance	
8:45 AM – 9:00 AM	Prayer RECAP	AVP
9:00 AM – 10:00 AM	Plenary Session 4 “Getting Published: Why, Where, and How?”	Dr. Mark Angelo O. Balendres <i>Professor, De La Salle University</i> <i>Moderator: Dr. Marvin A. Maulion</i>
10:00 AM – 10:20 AM	Health Break	
10:20 AM – 12:00 NN	Parallel Session 3 Room 1 (Agriculture & Food Technology): 5 <i>Presenters</i> Room 2 (Biology and Environmental Studies) : 5 <i>Presenters</i> Room 3 (Criminology and Education): 5 <i>Presenters</i>	Room 1 (WMSU Gymnasium) <i>Moderator: Dr. Elderico P. Tabal</i>
		Room 2 (CSSPE – AVR) <i>Moderator: Engr. Rey P. Gumaling</i>
		Room 3 (CTE Social Hall) <i>Moderator: Dr. Kent Adnil C. Lao</i>
12:00 NN – 1:30 PM	LUNCH BREAK	



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TIME	ACTIVITY	
1:30 PM – 2:30 PM	Plenary Session 5 “Application of Environmental Dimensions in Foreign Investment in Sri Lanka”	Mr. Upali Senarath <i>General Manager ROWELMARK, Sri Lanka</i>
2:30 PM – 3:30 PM	Plenary Session 6 “Multidisciplinary Approaches to Natural Science Research – Lesson Learnt”	Dr. Sandun Senarath <i>Professor, University of Sri Jayawardenepura, Sri Lanka</i> Moderator: Dr. Dulce-Amor P. Matondo
3:30 PM – 5:30 PM	Parallel Session 4 Room 1 (Biology and Environmental Studies) : 5 Presenters Room 2 (Health Sciences): 5 Presenters Room 3 (Entrepreneurship & Product Development) : 5 Presenters Health Break	Room 1 (WMSU Gymnasium) Moderator: Dr. Fredelino M. San Juan
		Room 2 (CSSPE – AVR) Moderator: Dr. Rubelle Marshah H. Alavar
		Room 3 (CTE Social Hall) Moderator: Engr. Arvic S. Francisco

DAY 3 APRIL 19, 2024

8:00 AM - 8:45 AM	Registration/ Attendance	
8:45 AM - 9:00 AM	Prayer RECAP	AVP
9:00 AM – 10:00 AM	Plenary Session 7 “Clues from Atomic Force Microscopy in Cancer Diagnosis and Drug Delivery”	Dr. Lyndon D. Bastatas <i>Professor, Mindanao State University – Iligan Institute of Technology</i> Moderator: Dr. Marvin A. Maulion
10:00 AM – 10:20 AM	Health Break	
10:20 AM – 12:20 PM	Parallel Session 5 Room 1 (Science and Mathematics Education) : 5 Presenters Room 2 (Management and Social Science): 5 Presenters Room 3 (Multidisciplinary Topics): 5 Presenters	Room 1 (WMSU Gymnasium) Moderator: Engr. Swidin S. Husin
		Room 2 (CSSPE – AVR) Moderator: Ms. Lean Monique A. Legarde
		Room 3 (CTE Social Hall): Moderator: Mr. Daniel F. Marquez
12:20 PM – 1:00 PM	LUNCH BREAK	
1:00 PM – 2:00 PM	Closing Program	
	Message	Dr. Ma. Carla A. Ochotorena <i>President Western Mindanao State University Philippines</i>
	Awarding of Certificates for Best Presenters and Best Poster	
	Closing Remarks	Dr. Joel G. Fernando <i>Vice President for RESEL Western Mindanao State University Philippines</i>