

INTERNATIONAL CONFERENCE ON MULTI-DISCIPLINARY RESEARCH AND INNOVATIONS

(Hybrid Mode: Onsite and Online)

April 17-19, 2023

Zamboanga City, Philippines

Host University : **Western Mindanao State University**, Zamboanga City, Philippines
Co-Host University : **Universidad Politécnica Salesiana**, Cuenca, Ecuador

Target Local Partners :

1. Accrediting Agency of Chartered Colleges and Universities in the Philippines, Inc. (**AACCUP**)
2. Commission on Higher Education (**CHED**) **National**
3. Commission on Higher Education (**CHED**) **Region IX**
4. Department of Science and Technology (**DOST**) **IX**
5. Department of Information and Communications Technology (**DICT**) **IX**
6. Philippine Accrediting Association of Schools, Colleges and Universities (**PAASCU**)
7. Local Government Unit (**LGU**) – Zamboanga City
8. Western Mindanao Agriculture, Aquatic and Natural Resources Research and Development Consortium (**WESMAARRDEC**)
9. Zamboanga Consortium for Health Research and Development (**ZCHRD**)
10. For Packaged Tours: **iTravel Tourist Lane**

RATIONALE

The conduct of an international research conference or forum is important for faculty, researchers, students, and professionals in various institutions to showcase the results of their innovative research projects in an international arena. It provides an avenue for sharing of new knowledge and discoveries in various fields and provides innovative solutions to current pressing problems. It is also a niche for transnational research collaboration and partnerships between and among the academe and professionals in the academic institutions and organizations with common goals and aspirations.

This international research conference is dedicated to showcase and discuss the advancements made in multidisciplinary research. The focus is on presenting and disseminating innovative approaches, methodologies, and findings that contribute to the collective progress of multiple fields. The conference aims to foster networking and collaboration among researchers and facilitate the dissemination of knowledge and best practices.

OBJECTIVES

1. Foster Collaboration
The conference aims to bring together scholars, researchers, and experts from around the world to foster collaboration and interdisciplinary partnerships. It provides an international platform for cross-cultural exchange, enabling participants to connect, share ideas, and explore opportunities for collaborative research projects in the post-pandemic era.
2. Showcase Research Innovations
The conference seeks to showcase and highlight cutting-edge research innovations that have emerged in response to the global pandemic. It provides a platform for researchers to present their groundbreaking approaches, methodologies, and findings, contributing to the advancement of knowledge in various disciplines.
3. Facilitate Knowledge Exchange
The conference aims to facilitate the exchange of knowledge, insights, and best practices among participants from diverse backgrounds. Through keynote speeches, panel discussions, and interactive sessions, it fosters a dynamic intellectual environment where researchers can engage in fruitful discussions, learn from each other, and build networks of collaboration.



ICMRI WMSU

Beyond Borders, Beyond Discipline:

Multidisciplinary Research and Innovations for the Future

4. Promote Research Skill Development

The conference places a strong emphasis on promoting research skill development among participants. It offers workshops, tutorials, and training sessions led by renowned experts to enhance participants' research methodologies, data analysis techniques, and critical thinking abilities. The goal is to empower researchers with the necessary skills to conduct rigorous and impactful research in the post-pandemic era.

5. Explore Multidisciplinary Perspectives

The conference recognizes the value of multidisciplinary perspectives in addressing complex challenges. It provides a platform for researchers from different disciplines to come together, exchange ideas, and explore synergies. By fostering interdisciplinary dialogues, the conference aims to advance understanding and collaboration across disciplines, leading to innovative solutions in the post-pandemic context.

6. Drive Post-Pandemic Research Agenda

The conference seeks to contribute to shaping the post-pandemic research agenda at the international level. It aims to identify key research priorities, emerging trends, and areas of potential collaboration, with the intention of driving advancements and influencing policymaking and practice across various fields.

7. Promote International Networks

The conference serves as a catalyst for establishing and strengthening international networks and collaborations. It provides opportunities for researchers, institutions, and organizations from different countries to connect, share expertise, and foster long-term partnerships. The conference aims to create a global community of researchers working together to address the challenges and opportunities of the post-pandemic era.

8. Disseminate Knowledge

The conference aims to disseminate research findings, discoveries, and best practices to a global audience. It encourages participants to present their research through oral presentations, poster sessions, and publication opportunities. By disseminating knowledge and research outcomes, the conference contributes to the wider dissemination, utilization, and impact of research findings in international academic and professional communities.

EXPECTED OUTPUTS

After the event, the participants shall be able to gain new insights on the latest R&D trends, discoveries, and best practices; develop their research skills; and forge research partnerships.

SCOPE OF PRESENTATION / TOPICS OF INTEREST

- Natural Sciences
- Mathematics and Statistics
- Environmental Sciences
- Health and Medical Sciences
- Education and Social Sciences
- Engineering and Technology

DESCRIPTION OF PARTICIPANTS

Expected participants are faculty members, students, researchers, and other professionals from the Philippines and abroad.



TARGET PARTICIPANTS AND CORRESPONDING REGISTRATION FEE

Mode of Participation	Registration Rate (Php)
Onsite (300)	
Faculty/Professionals (regular)	6,000.00
Faculty/Professionals (early bird)	5,000.00
Students (regular)	4,000.00
Students (early bird)	3,000.00
Online (700)	
Faculty/Professionals (regular)	1,500.00
Faculty/Professionals (early bird)	1,000.00
Students (regular)	1,000.00
Students (early bird)	550.00

PAPER SUBMISSION GUIDELINES

- A one-page abstract not exceeding five hundred (500) words must be submitted, including the title, name and affiliation of the authors, body of the abstract, references, and at least five (5) keywords.
- Papers should be research-based and original, which will be verified by a screening committee who will also review the paper based on the completeness of the required components in the abstract. Originality and ownership of the paper will also be attested by the participant by signing a certificate of originality and authenticity.
- The one-page abstract should contain three (3) paragraphs containing section of introduction, methodology, key results and conclusion.
 - The first paragraph should contain the introduction describing a brief overview of essential background information and objective of the study. Pertinent findings from previous studies that are relevant to the current work should also be included. The research question or objectives, and the highlight of its contribution to the existing knowledge should be cited. Acronyms must be clearly defined, e.g. GPE (Gravitational Potential Energy).
 - The second paragraph should contain a concise description of the methodology, design, or how the study was conducted. It should be in a narrative format and should not include bullets or sequential numbering. Reaction or standard formula like ${}^{236}_{92}\text{U}^* \rightarrow {}^{140}_{54}\text{Xe} + {}^{94}_{38}\text{Sr} + \frac{1}{0}n + \frac{1}{0}n$ are allowed. Mathematical expressions given as follows are allowed provided that symbols are properly defined for instance,

$$V(r, \theta, \phi) = \frac{\alpha + \gamma \cos \phi}{r^2 \sin^2 \theta \sin^2 \phi} + \frac{\beta}{r^2 \cos^2 \theta}$$
 where α, β , and γ are parameters, $V(r, \theta, \phi)$ is a noncentral quantum potential.
 - The third paragraph should contain results and conclusions. This section of the abstract should include description and discussion of key findings of the study with their interpretation. It addresses the research question(s) and provide a concluding statement that emphasizes the significance of the work.
- It is highly encouraged to include citations to previous work to establish credibility. References are included in the total word count and must follow the provided format. Lastly, figures and tables should not be included in the abstract.



- A short acknowledgment to supporting entity(ies) may be included as an extra paragraph. Paper abstract should be submitted via online (please check website).

PAPER PRESENTATION GUIDELINES

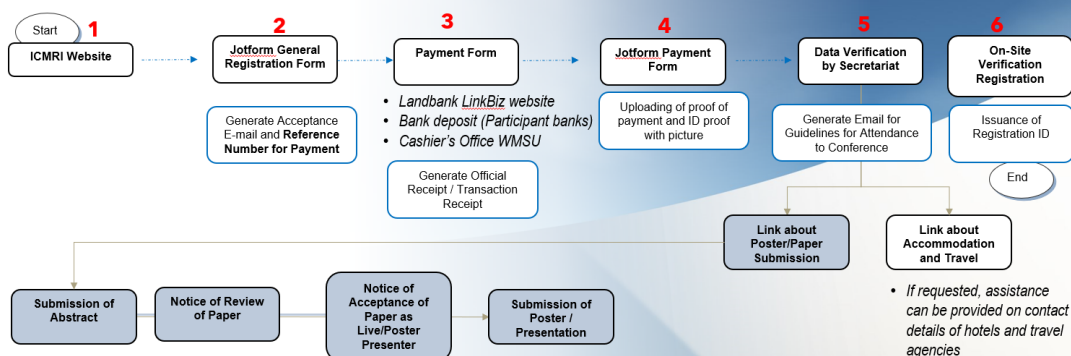
- It is recommended that presenters will use the ICMRI official PPT template.
- Presenters are given 10 minutes to present their work and 5minutes for Q&A portion.
- All parallel sessions have assigned moderator to coordinate the session and act as timekeeper.
- Presenters are advised to be in the designated session room 20 minutes ahead of time and submit his/her presentation for technical details.
- If the presenter wishes to present his/her paper using his/her owned laptop, they are advised to bring adaptors.
- The presentation should be saved in pdf format to avoid system compatibility error.
- The use of any audio/video content should be embedded in the presentation. Links to sites are not allowed.
- As back-up, it is recommended to bring an electronic copy of your presentation saved in USB drive.
- No presentations will be archived. All of them will be deleted after the event. Only the authors can provide copies of the presentation upon request from the participants.
- Lastly, all the references should be cited in the presentation.

POSTER PRESENTATION

- The required poster size is 3 feet by 4 feet (36 inches by 48 inches).
- Font sizes: Title: 85pt, Authors: 56pt, Sub-headings: 36pt, Body text: 24pt, and Captions: 18pt
- The poster contains abstract, introduction, methods, results and discussion, conclusion, and acknowledgement.
- Also include the title, author and co-author names, and their affiliation(s).
- Place the corresponding author's e-mail address, phone, and fax numbers in the lower left corner of the poster.
- Do not use a different font style to highlight important points.
- Do not use all UPPER-CASE type in your posters.
- Use the **bold face** or *italics* or combinations to emphasize words and phrases.
- Left-align text. Using fully justified text will create large gaps between some words and make it difficult to read.
- Submit also an e-copy of the poster in pdf format.

REGISTRATION PROCESS

REGISTRATION PROCESS FLOW



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TENTATIVE PROGRAM

DAY 1

TIME	ACTIVITY
7:30 am	Registration Validation
Opening Ceremony	
8:00 am	<ul style="list-style-type: none">• Doxology (A short hymn or song of praise)• National Anthem• Zamboanga Hermosa (Local anthem related to the conference's location)• Statement of the vision, mission, and quality policy
8:20 am	<ul style="list-style-type: none">• Highlighting the University Profile• Presentation of the attendees
8:30 am	<ul style="list-style-type: none">• Welcome Address (Vice-President for RESEL: Prof. Joel G. Fernando, Ph.D.)• Opening Remark (Vice-President for Academic Affairs: Prof. Nursia M. Barjose, DNS)• Special Address (Hon. John M. Dalipe, Zamboanga City Mayor)• Keynote Address (University President: Prof. Ma. Carla A. Ochotorena, Ph.D.)
9:10 am	<ul style="list-style-type: none">• Ribbon Cutting Ceremony for Poster Display• Photo Opportunity• Health Break (15 minutes)
9:30 am	1st Plenary Session <ul style="list-style-type: none">○ Introduction of the International Resource Speaker (3 minutes)○ Session Proper (45 minutes)○ Q and A portion (12 minutes)
10:30 am	<ul style="list-style-type: none">• Presentation of the criteria for the selection of Best Paper and Best Paper Presenter• Discussion of the Mechanics of Presentation and House Rules• Parallel Sessions (Batches 1 to 6)<ul style="list-style-type: none">○ Introduction of the Presenter (1 minute)○ Presentation Proper (10 minutes)○ Q and A portion (4 minutes)
12:10 pm	Uninterrupted Lunch Break Traditional Cultural Presentations / Entertainment Performances
1:30 pm	2nd Plenary Session <ul style="list-style-type: none">○ Introduction of the International Resource Speaker (3 minutes)○ Session Proper (45 minutes)○ Q and A portion (12 minutes)
2:30 pm	Parallel Sessions (Batches 7 and 8) <ul style="list-style-type: none">○ Introduction of the Presenter (1 minute)○ Presentation Proper (10 minutes)○ Q and A portion (4 minutes)
3:00 pm	15-Minute Health Break / Gallery Walk
3:15 pm	Parallel Sessions (Batches 9 and 10) <ul style="list-style-type: none">○ Introduction of the Presenter (1 minute)○ Presentation Proper (10 minutes)○ Q and A portion (4 minutes)
3:45 pm	3rd Plenary Session <ul style="list-style-type: none">○ Introduction of the International Resource Speaker (3 minutes)○ Session Proper (45 minutes)○ Q and A portion (12 minutes)
4:45 pm	Wrap-up <ul style="list-style-type: none">○ Presentation for next day's schedule



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	o Reminders
5:00 pm	Free Time
6:00 pm onwards	Conference Welcome Dinner with Cultural Presentations (Free for all attendees)

DAY 2

TIME	ACTIVITY
8:30 am	Registration Validation
9:00 am	<ul style="list-style-type: none"> • Nationalistic Song • Special Address (Hon. Khymer Adan Olaso, District 1 Congressman) • Photo Opportunity
9:30 am	4th Plenary Session <ul style="list-style-type: none"> o Introduction of the International Resource Speaker (3 minutes) o Session Proper (45 minutes) o Q and A portion (12 minutes)
10:30 am	15-Minute Health Break / Gallery Walk
10:45 am	Parallel Sessions (Batches 11 to 15) <ul style="list-style-type: none"> o Introduction of the Presenter (1 minute) o Presentation Proper (10 minutes) o Q and A portion (4 minutes)
12:00 pm	Uninterrupted Lunch Break Video Presentations (History of WMSU, Outstanding Research Work)
1:30 pm	5th Plenary Session <ul style="list-style-type: none"> o Introduction of the International Resource Speaker (3 minutes) o Session Proper (45 minutes) o Q and A portion (12 minutes)
2:30 pm	Parallel Sessions (Batches 16 to 19) <ul style="list-style-type: none"> o Introduction of the Presenter (1 minute) o Presentation Proper (10 minutes) o Q and A portion (4 minutes)
3:30 pm	15- Minute Health Break / Gallery Walk
3:45 pm	Parallel Sessions (Batches 17 to 21) <ul style="list-style-type: none"> o Introduction of the Presenter (1 minute) o Presentation Proper (10 minutes) o Q and A portion (4 minutes)
4:45 pm	Wrap-up <ul style="list-style-type: none"> o Presentation for next day's schedule o Reminders
5:00 pm	Free time
6:00 pm onward	Banquet Dinner (Free for all attendees)

Day 3

TIME	ACTIVITY
8:30 am	Registration Validation
9:00 am	<ul style="list-style-type: none"> • Nationalistic Song • Special Address (Hon. Manuel Jose Dalipe, District 2 Congressman) • Photo Opportunity
9:30 am	6th Plenary Session <ul style="list-style-type: none"> o Introduction of the International Resource Speaker (3 minutes) o Session Proper (45 minutes) o Q and A portion (12 minutes)
10:30 am	15-Minute Health Break / Gallery Walk



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10:45 pm	Parallel Sessions (Batches 22 to 26) <ul style="list-style-type: none">○ Introduction of the Presenter (1 minute)○ Presentation Proper (10 minutes)○ Q and A portion (4 minutes)
12:00 pm	Uninterrupted Lunch Break
1:30 pm	Parallel Sessions (Batches 27 to 34) <ul style="list-style-type: none">○ Introduction of the Presenter (1 minute)○ Presentation Proper (10 minutes)○ Q and A portion (4 minutes)
2:30 pm	7th Plenary Session <ul style="list-style-type: none">○ Introduction of the International Resource Speaker (3 minutes)○ Session Proper (45 minutes)○ Q and A portion (12 minutes)
3:45 pm	15-Minute Health Break / Gallery Walk
4:00 pm	<ul style="list-style-type: none">● Closing program● Announcement of Best Paper, Best Presenter● Photo Opportunity
5:00 pm	Free Time
6:00 pm onward	Farewell Dinner (Free for all attendees)

TOUR PACKAGES (Voluntary)-c/o iTravel Tourist Lane

1. City Tour

- Duration: 4 hours (Morning or Afternoon Tour)
- Location: Zamboanga City
- Pick-up Location: Hotel Lobby/Airport Arrival Area/Guest's Residence
- Pick-up Time: 7:45am for Morning Tour or 12:45pm for Afternoon Tour
- INCLUSIONS:
 - Pick up and Drop off from Hotel
 - Air-conditioned Van Transfers
 - Complimentary bottled water during tour
 - All applicable entrance fees
 - Services of a Licensed and DOT Accredited Tour Guide
- ITINERARY:
 - Pasonanca Freedom Park
 - Tree House and Boy Scout Camp
 - Heritage Zone (Zamboanga City hall, Plaza Pershing, Rizal Park, Pettit Barracks, Fort Pilar Shrine National Museum and Paseo del Mar)
- RATES
 - 10- above pax: Php 1,350.00/pax (Subject to changes by tour provider)

2. Pink Sand Escape

- Duration: 5-7 hours
- Location: Great Sta. Cruz Island, Zamboanga City
- Pick-up Time: 7:00am
- Pick-up Location: Hotel Lobby/Airport Arrival Area/Guest's Residence
- Departure Time: 7:30am-8:00am
- Return Time: 2:00pm
- INCLUSIONS:
 - Pick up and Drop off from Hotel/Airport/Residence
 - Roundtrip Motorboat transfers with life vest and safety equipment
 - Entrance fee, Environmental Fee and Shed Rental



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- Seafood Picnic lunch and bottled water
- Free use of Beach Volley
- Lagoon Cruise – Yellow boat adventure
- Visit to Stingless Jellyfish Sanctuary and Century old mangroves
- Vinta Ride Experience
- Side-trip to Small Sta. Cruz Island Sandbar (Tide dependent)
- Swimming at Pink Sand Beach
- Coastal Trekking (Visit to Old Badjao Cemetery)
- Services of a DOT Accredited Tour Guide
- ITINERARY:
 - Lagoon Tour – Yellow Boat Adventure
 - Non-Stinging Jellyfish Sanctuary
 - Mangrove Forest
 - Vinta Ride Experience
 - Small Sta. Cruz Island Sand Bar
 - Old Badjao Cemetery*
 - Swimming at Pink Sand Beach
- RATES:
 - 10-above: Php 2,460.00/pax (Subject to changes by tour provider)

Note: * Tour packages are offered on a voluntary basis by our partner: iTravel Tourist Lane

* The conference registration fee does not include the tour package. Payments for the Tour Package/s should be directly paid to iTravel Tourist Lane

* The packages can only be enjoyed prior to and after the conference proper.

CONFERENCE WEBSITE

www.wmsuicmri2024.com - Available by December 15, 2023

CONTACT DETAILS OF ORGANIZING COMMITTEE CHAIR

Office of the Research Director
Research Development and Evaluation Center
University Research Bldg., Western Mindanao State University Main Campus
Normal Rd., Baliwasan Zamboanga City 7000 Philippines
Email address: icmri2024@wmsu.edu.ph
Office Number: (062) 993-1314

CONTACT DETAILS OF SECRETARIAT REPRESENTATIVES

Contact Person: Ms. Abigail Irene B. Marquez / Ms. Justine Kay D. Rojonan
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ICMRI WMSU

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