



The 3rd International Conference on
 Science Technology & Innovation (3rd ICSTI) - Maejo University 2023

August 11, 2023

Chulahorn Building, Faculty of Science, Maejo University, Chiang Mai, Thailand

Time	Schedules
8.00	Registration
8.30-9.00	Opening Ceremony Room 3100
9.15-10.00	Keynote Speaker: Professor Dr.Dankmar Böhning , University of Southampton, United Kingdom <i>Title "Capture-recapture methods with applications in health and society"</i> Room 3100
10.00-10.45	Invited Speaker: Associate Professor Dr.Kittipong Chainok , Faculty of Science and Technology, Thammasat University, Thailand <i>Title: "Metal-Organic Framework Based Adsorbents for CO₂ Capture: Crystallography and Crystal Chemistry"</i> Room 3100
10.45-11.00	Morning Break
	Session 2: Innovations in Science & Technology
	Poster Presentation-online Room 3201
11.00-11.15	ABPL266008 Title: Advanced Process of Natural Rubber Foam: Dunlop/Bubbling Method Presenter: Ms. Weena Anantawut Specialized Center of Rubber and Polymer Materials in Agriculture and Industry (RPM), Department of Materials Science, Faculty of Science, Kasetsart University, Bangkok, Thailand
11.15-11.30	ABPL266013 Title: Gold Nanoparticle-Based Colorimetric Assay for Cardiovascular Diagnosis Presenter: Mr. Suppawit Fupongsiriphan Division of Biological Science, Faculty of Science, Prince of Songkla University, Hat Yai, Songkhla, Thailand



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12.00-13.00	Lunch (Room 3210)	
13.00-13.45	<p>Keynote Speaker: Prof. Dr. Oliver Weichold (online) Institut für Baustoffforschung, Lehr- und Forschungsgebiet Strukturelle Polymerkomposite im Bauwesen und Institut für Baustoffforschung, Germany</p> <p style="color: red;"><i>Title "The potential of keratin as renewable resource"</i></p> <p style="text-align: center;">Room 3100</p>	
13.45-14.15	<p>Invited Speaker: Associate Professor Dr.Kontad Ounnunkad Department of Chemistry, Faculty of Science, Chiang Mai University, Thailand</p> <p style="color: red;"><i>Title: "New Electrochemical Biosensors for Clinical Diagnosis"</i></p> <p style="text-align: center;">Room 3107</p>	
	<p>Poster Presentation-onsite Room 3201</p>	<p>Oral Presentation-Onsite Room 3107</p> <p>Chairman: Associate Professor Dr. Kontad Ounnunkad</p> <p>Co-chairman: Associate Professor Dr. Thitiphan Chimsook</p>
14.15-14.30	<p>ABPS266002</p> <p>Title: Adsorption Performance of Amine-Functionalized Rice Husk Ash for Caffeine Removal from Wastewater</p> <p>Presenter: Mrs.Pattanan Chanhom Chiang Mai University Demonstration School, Chiang Mai, Thailand</p>	<p>ABRS166010</p> <p>Title: Implementation of MPPT-NFC with PID Controller and Bidirectional Converter Charger in Small-Scale Off-grid PV-Powered Motor-Driven Pump Recirculating Water System in Rice Field Crab Farm</p> <p>Presenter: Asst. Prof. Dr. Rati Wongsathan Department of Electrical and Software Computer Engineering, Faculty of Engineering and Technology, North-Chiang Mai University, Chiang Mai, Thailand</p>



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		Oral Presentation-Online Room 3107
14.30-14.45	<p>ABPS266003</p> <p>Title: Synthesis of Novel Biochar from Longan Peel for The Removal of Ciprofloxacin from Wastewater</p> <p>Presenter: Ms. Pimpawee Phaiboonsapsin Montfort College, Chiang Mai, Thailand</p>	<p>ABRL166018</p> <p>Title: Solar Photocatalytic Degradation of Methylene Blue Dye By Green Synthesized Silver Nanoparticles From Mimosa Pudica L. Leaf Extract: Optimization Using Response Surface Methodology</p> <p>Presenter: Ms. Pharini Chaison Faculty of Interdisciplinary Studies, Khon Kaen University, Nongkhai Campus, Nongkhai, Thailand</p>
14.45-15.00	<p>ABPS266005</p> <p>Title: H₂S Gas Sensor Based On P-CuO/N-WO₃ Heterojunction</p> <p>Presenter: Mr.Montawat Wiboon Nanoscience and Nanotechnology Program, Faculty of Science, Maejo University, Chiang Mai, Thailand</p>	<p>ABRL166032</p> <p>Title: Variables affecting performance of solar engineering, procurement and construction companies: A case of Thailand</p> <p>Presenter: Mr. Phuong Toan Le Graduate School of Management and Innovation, King Mongkut's University of Technology Thonburi, Bangkok Thailand</p>
15.00-15.15	<p>ABPS266006</p> <p>Title: Encapsulation of Rose Extract and Evaluation of Antioxidant Potential for Stabilization of Fish Oil</p> <p>Presenter: Assoc. Prof. Dr. Thitiphon Chimsook Program of Chemistry, Program of Applied Chemistry, Faculty of Science, Maejo University, Chiang Mai, Thailand</p>	-



Time	Schedules	
15.15-15.30	<p>ABPS266009</p> <p>Title: Experiences and Preferences of Individuals with Aphthous Ulcers –A Survey-based Study in Thailand</p> <p>Presenter: Mr.Napoom Ratanavanichrojn Montfort College English Program, Chiang Mai, Thailand</p>	-
15.30-15.45	<p>ABPS266012</p> <p>Title: Comparison of the Push-Pull Effect on the Aromaticities of Substituted Poly-2,7-[3]calicenes and Poly-2,7',1',6''-[3]calicenes Using Density Functional Theory</p> <p>Presenter: Assoc. Prof. Dr. Thawalrat Ratanadachanakin Faculty of Science, Maejo University, Sansai, Chiang Mai, Thailand</p>	-
15.45-16.00	<p>ABPS266014</p> <p>Title: Influence of Organic Electrolyte on the surface of Zn Electrode in Zinc-ion Batteries with the LiFePO₄ positive electrode</p> <p>Presenter: Ms.Sasisiri Sinthong Department of Chemical Technology, Faculty of Science, Chulalongkorn University, Bangkok, Thailand</p>	-
16.00-16.15	<p>ABPS266015</p> <p>Title: Carboxymethyl Cellulose From Durian Peel</p> <p>Presenter: Asst. Prof.Dr.Tawat Soitong Program in Materials Innovation, Faculty of Science, Maejo University, Sansai, Chiang Mai, Thailand</p>	-



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16.15-16.30	ABPS266016 Title: Physical Property and Biodegradability of PLA-Based Nano-Biocomposites Presenter: Dr.Sairoong Muangpil Program in Chemistry, Faculty of Science, Maejo University, Chiang Mai, Thailand	-
Closing Session 2		