

Program

The 1st International Conference on Science Technology & Innovation – Maejo University (1st ICSTI – MJU)

March 19, 2021

9.30 a.m. – 10.00 a.m.	Registration in MS-team
10.01 a.m. – 10.30 a.m.	Conference opening ceremony
10.31 a.m. – 12.00 p.m.	Oral Presentation
12.01 p.m. - 1.30 p.m.	Break
1.31 p.m. – 2.00 p.m.	Invited Speaker (# 1) Prof.Dr.Alan J. Slusarenko (Institute of Plant Physiology, Aachen Biology and Biotechnology, RWTH, Aachen University, Germany) Title “The mechanism of action of the garlic defence substance allicin”
2.01 p.m. – 2.30 p.m.	Invited Speaker (# 2) Prof.Dr.Dušan Palić (Fish Diseases Institute, Faculty of Veterinary Medicine, Ludwig-Maximilians-Universität München, Germany) Title “Non-point Pollution of Waterways: Bridging the gap with GIS tools and Ecosystem Responses”
2.31 p.m. – 4.00 p.m.	Oral Presentation - continue
4.01 p.m. – 4.30 p.m.	Conference closing

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March 19 (Fri.), 2021

Time		
9.30 a.m. – 10.00 a.m.	Registration in MS-team	
10.01 a.m. – 10.30 a.m.	Conference opening ceremony (Facebook Live channel) <ol style="list-style-type: none"> 1. Assoc.Prof.Dr.Weerapon Thongma (President of Maejo University) 2. Asst.Prof.Dr.Tapana Cheunbarn (Dean of Faculty of Science, Maejo University) 	
	Room # 1	Room # 2
	Chairman: Dr.Wasin Charentantanakul Co-chair: Dr.Yuwalee Unpaprom	Chairman: Dr.Chupong Pakpum Co-chair: Dr.Theerapol Thurakitseree
10.31 a.m. – 10.45 a.m.	Y102 “Prevalence of blood parasite infections in apparently healthy dogs in highland Chiang Mai” Pennapa Takam (Thailand)	Y101 “Stability Criterion for Neutral Systems with Distributed Time-Varying Delays” Aornnatcha Janthayong (Thailand)
10.46 a.m. – 11.00 a.m.	Y103 “Prevalence of blood parasite infections in native cattle in highland Chiang Mai, Thailand” Pennapa Takam (Thailand)	Y108 “Model Development for Estimating Ground Level Particulate Matter For Central Thailand Using Satellite Data” Pichnaree Lalitaporn (Thailand)
11.01 a.m. – 11.15 a.m.	Y104 “Development of natural dye based Dye-sensitized solar cell utilizing natural pigment from malabar spinach and red cabbage” Glennise Faye C. Mejica (Thailand)	Y110 “Electrochemical uric acid sensor based on GO modified gassy carbon electrode” Anchana Preechaworapun (Thailand)
11.16 a.m. – 11.30 a.m.	Y107 “Comparison of an innovative porous pipe irrigation system to drip irrigation under controlled conditions” Wolfram Spreer (Thailand)	Y112 “Chem Draw it: Graduate students’ feedback on Learning Advanced Inorganic Chemistry using chemical drawing software” Luningning M. Mendoza (Philippines)
11.31 a.m. – 11.45 a.m.	Y109 “Capsaicinoid nonivamide attenuates accumulation of triglyceride in high fat diet induced obese rats” Kanokrada Tonpoo (Thailand)	Y113 “Pedagogy in teaching Capstone in Occidental Mindoro State College Sablayan Campus in relation to teacher’s performance evaluation” Luningning M. Mendoza (Philippines)

11.46 a.m. – 12.00 p.m.	<p>Y111</p> <p>“Stability of Loop-Mediated Isothermal Amplification (LAMP) and Gold nanoparticle probe (AuNP) reagents to determine the Amplification Efficiency for detection of shrimp”</p> <p>Narong Arunrut (Thailand)</p>	<p>Y115</p> <p>“Development of biosorbent using mango (<i>Mangifera indica</i> L.) peels for the recovery of gold from E-waste”</p> <p>Arvin Luis M. Santos (Philippines)</p>
12.01 a.m. – 1.30 p.m.	Break	
1.31 p.m. – 2.00 p.m.	<p>Invited speaker #1 Prof.Dr.Alan J. Slusarenko</p> <p>“The mechanism of action of the garlic defence substance allicin”</p>	
2.01 p.m. – 2.30 p.m.	<p>Invited speaker #2 Prof.Dr.Dušan Palić</p> <p>“Non-point Pollution of Waterways: Bridging the gap with GIS tools and Ecosystem Responses”</p>	
	<p>Chairman: Dr.Wasin Charentantanakul</p> <p>Co-chair: Dr.Panwad Silpawattana</p>	<p>Chairman: Dr.Theerapol Thurakitseree</p> <p>Co-chair: Dr.Chupong Pakpum</p>
2.31 p.m. – 2.45 p.m.	<p>Y114</p> <p>“Response surface optimization of alkali/acid pretreated gelatin extraction from the by-products of milkfish (<i>Chanos chanos</i>) processing”</p> <p>DANILA S. PARAGAS (Philippines)</p>	<p>Y117</p> <p>“Development of choline biosensor using choline oxidase co-immobilization of gold and platinum bimetallic at carbon nanomaterials in chitosan”</p> <p>Suphaporn Chenkhuruthum (Thailand)</p>
2.46 p.m. – 3.00 p.m.	<p>Y116</p> <p>“Preliminary assessment on antisense oligodeoxynucleotide knockdown of porcine TGFβ1 mRNA in porcine monocyte-derived macrophages stimulated with lipopolysaccharide”</p> <p>Dante Fabros Jr. (Thailand)</p>	<p>Y118</p> <p>“Tyrosinase immobilization on home-made screen-printed carbon electrode with chitosan at carbon dot as a dopamine biosensor”</p> <p>Tanin Tangkuaram (Thailand)</p>
3.01 p.m. – 3.15 p.m.	<p>Y105</p> <p>“Developing an AI-based, Low-cost Surveillance System for Experimental Fish Keeping”</p> <p>Dominik von La Roche (Germany)</p>	<p>Y119</p> <p>“A Non-enzymatic Glucose Sensor using Rose-like Nickel Particles modified on Glassy Carbon Electrode”</p> <p>Kulwadee Pinwattana (Thailand)</p>
3.16 p.m. – 3.30 p.m.	<p>Y106</p> <p>“Emergence of antimicrobial resistance in aquatic ecosystems – Veterinary and human medicine/Translational/Concerns”</p> <p>Ksenija Aksentijević (Serbia)</p>	<p>Y120</p> <p>“Development of lead (II) ion electrochemical sensor using imprinted polymers at graphene oxide (GO@IIP) modified glassy carbon electrode”</p> <p>Nuenghathai Chaiya (Thailand)</p>

3.31 p.m. – 3.45 p.m.	<p>Y121 “Automatic life-support system for aquariums at Fish Diseases and Fisheries Biology Laboratory at LMU” Dejan N. Milic (Serbia)</p>	<p>Y122 “Sub-ppm level acetone gas detection for exhaled breath medical diagnosis based on Sn doped ZnO tetrapods structure” Theerapong Santhaveeuk (Thailand)</p>
3.46 p.m. – 4.00 p.m.	<p>Y124 “Self-extinguishing wood-fibre boards using waste poultry-feather hydrolysates” Oliver Weichold (Germany)</p>	<p>Y123 “An Online Modeling of Human Motion for Performance Assessment” Tatsanee Chaiya (Thailand)</p>
4.01 p.m. – 4.30 p.m.	Conference closing	