



The **3rd** International Conference on
Science Technology & Innovation-Maejo University

ICSTI-MJU

August 11, 2023

Presentation Awards

Session 1-1 Oral Presentation

Mathematics, Statistics, Computer & Data Science

Best Presentation Awards

ABRL166020 “NO₂ and PM₁₀ predictive model using Deep learning networks.”

Presenter : Ms.Keeratiporn Prad-udom Kasetsart University

ABRL166008 “Developing predictive and causal models for understanding contractor churn in a Thai building material supplier”

Presenter : Ms.Kultida Bhumina University of the Thai Chamber of Commerce



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Presentation Award

Session 1-2 Oral Presentation

Mathematics, Statistics, Computer & Data Science

Best Presentation Award

ABRS166017 “The Experimental of Design Techniques for Optimum Proportions Production of Thermoplastic Paints: A Case Study of Chiang Mai Thermoplastic Co., Ltd.”

Presenter : Dr.Chalinee Phiphattanaphiphop Rajamangala University of Technology Lanna



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Presentation Award

Session 2 Oral Presentation

Innovations in Science & Technology

Best Presentation Award

ABRS166010 “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”

Presenter : Asst. Prof.Dr.Rati Wongsathan

North-Chiang Mai University



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Session 2 Poster Presentation

Innovations in Science & Technology

Best Presentation Awards

ABPS266002 “Adsorption performance of amine-functionalized rice husk ash for caffeine removal from wastewater”

Presenter : Mrs.Pattanan Chanhom Chiang Mai University Demonstration School

ABPS266005 “H₂S Gas Sensor Based on p-CuO/n-WO₃ Heterojunction”

Presenter : Mr.Montawat Wiboon Maejo University

ABPS266015 “Carboxymethyl Cellulose from durian peels”

Presenter : Asst. Prof.Dr.Tawat Soitong Maejo University



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Session 3 Oral Presentation

Biological Science & Environment

Best Presentation Awards

ABRL166007 “Study of in vitro static digestion of pigeon pea protein isolated and hydrolysate: Caco-2 cell cytotoxicity and digested products analysis”

Presenter : Dr.Waraporn Sorndech Thailand Institute of Scientific and Technological Research

ABRS166015 “Assessment of Spatial and Temporal Patterns of Carbon Monoxide Concentration during the 2023 Burning Period in Northern Thailand Using Google Earth Engine”

Presenter : Mr.Worawit Suppawimut Chiang Mai Rajabhat University

ABRL166011 “GENERATION OF DOXYCYCLINE (DOX)-INDUCIBLE CD147 KNOCKOUT CASSETTE FOR IN VITRO CANCER MODELS”

Presenter : Mr.Kumpanat Pomlok Chiang Mai University



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Session 3 Poster Presentation

Biological Science & Environment

Best Presentation Award

ABPL266007 “Erectogenic Effects of Extracts from *Mucuna pruriens* and *Eurycoma longifolia*
Jack in Obesity-Induced Rats”

Presenter : Ms.Panumat Piosinsak Chiang Mai University