



Conference Schedule

2nd ICSTI-MJU 2022, Maejo University, Chiang Mai, Thailand

| Time | 18 March 2022 | |
|-------------|---|--|
| 8.00-8.30 | Registration | |
| 8.30-9.30 | Opening ceremony | |
| 9.30-9.45 | Coffee break | |
| 9.45-10.30 | Keynote speaker: Professor Dr. Shigeo Maruyama Japan | CVD synthesis and application of 1D vdW hetero-structures based on single-walled carbon nanotubes |
| 10.30-11.15 | Keynote speaker: Emeritus Professor Dr. Don McNeil Australia | Mapping, Graphing and Forecasting Global Land Surface Temperature using Data from NASA |

Note : THAILAND/Bangkok; Time Zone: UTC/GMT+7

| Oral Presentation Session | | | |
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| | Session 1: Mathematics, Statistics, Computer & Data Science | Session 2: Innovations in Science & Technology | Session 3: Biological Science and Environmental |
| 11.15-11.30 | iAB65002: Effects of educational campaigns on mathematical models to control the spread of rotavirus infection (Thailand) | iAB65001: Gallic acid, the isolation and method development for the quantitative determination from <i>Phyllanthus emblica</i> L. extract (Thailand) | iAB65004: On-site diagnosis of acute hepatopancreatic necrosis disease in shrimp farms using visual detection of isothermal nucleic acid amplification (Thailand) |
| 11.30-11.45 | iAB65005: Estimation of population size based on zero-truncated, one-inflated, and covariate information (Thailand) | iAB65003: Blood glucose biosensor based on glucose oxidase co-immobilized with copper(I) oxide at manganese (IV) oxide on graphene quantum dots in chitosan scaffold (Thailand) | iAB65006: Development of hybrid tofu with dietary fiber supplementation as an alternative for dietary protein (Thailand) |
| 11.45-12.00 | iAB65008: Construction of Bivariate Copulas for Multivariate Statistical Process Control: a review (Thailand) | iAB65009: Facile synthesis of platinum-gold nanoparticles@carbon dot-graphene oxide and characterization by deposition with chitosan on electrode surface (Thailand) | iAB65007: The integration of passive and active satellite sensors for water resources extraction and mapping for sugarcane plantation area in Northeastern, Thailand: Geoinformatics approaches (Thailand) |
| 12.00-12.15 | iAB65010: Modelling Road Accidents Injuries and Fatalities in Suratthani province of Thailand using Conway-Maxwell-Poisson Regression (Thailand) | iAB65013: Drying Kinetics Equation of <i>Curcuma comosa</i> (<i>Curcuma xanthorrhiza</i> Roxb.) (Thailand) | iAB65012: Effect of various extraction solvents on efficiency of natural pigment based dye sensitized solar cell (Thailand) |

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| 12.15-13.00 | Break | | |
| 13.00-13.45 | Keynote speaker: Professor Dr. rer. nat. Andreas Schäffer Germany | Pesticide mixtures - Gaps in environmental risk assessment | |
| 13.45-14.30 | Keynote speaker: Professor Dr. Gomathi Velu India | Role of biopolymers in sustainable environment | |
| Oral Presentation Session (Continue) | | | |
| | Session 1: Mathematics, Statistics, Computer & Data Science | Session 2: Innovations in Science & Technology | Session 3: Biological Science and Environmental |
| 14.30-14.45 | iAB65011: Travel time impact in multi-modal mode: a case study of the new railway line Ban Phai to Nakhon Phanom (Thailand) | iAB65018: Smart Application for Finding Parking and Car Owners (Thailand) | iAB65015: A low-cost alternative photosensitizer for dye-sensitized solar cells using Sandoricum koetjape natural dye (Thailand) |
| 14.45-15.00 | iAB65016: Reward-Based Crowdfunding under Blockchain for Beauty Industry (Thailand) | iAB65027: Improving the properties of paper from rice straw (Lao) | iAB65020: The Natural resources management on basis of biodiversity and community utilization in Mae Hong Son Province: A case study at Ban Na Pla Chad (Thailand) |
| 15.00-15.15 | iAB65017: Question Generation from Thai Wiki paragraphs by using Transformer (Thailand) | iAB65029: Development of electrochemical dopamine sensor based on conducting polymer-gold nanoparticle composites (Thailand) | iAB65021: The Reduction of Forest Fire by the Local Community Participation on Resources Management in Mae Tha Lu Village, Mae Hong Son Province (Thailand) |

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| 15.15-15.30 | iAB65022: Forecasting air pollution particulate matter (PM2.5) in Chiangmai, Thailand (Thailand) | iAB65031: Synthesis of Biphasic calcium phosphate (BCP) from Lime Mud (Thailand) | iAB65023: Application of needle flowers, portulaca flowers and teak leaves as natural sensitizers for dye-sensitized solar cells (Thailand) |
| 15.30-15.45 | Coffee Break | | |
| 15.45-16.00 | iAB65026: Estimating under-reporting of COVID-19 in infected cases in Chiangmai (Thailand) by capture-recapture methods (Thailand) | iAB65034: Biomass derived activated porous carbon from Manilkara kauki L bark as potential adsorbent for the removal of Congo red dye from wastewater: adsorption isotherm and kinetic studies (India) | iAB65024: Plant-growth media from hydrogels based on poultry-feather waste (Germany) |
| 16.00-16.15 | iAB65028: The Parameters Estimation for the Discrete Weibull Regression Model With Type-I Right Censored Data (Thailand) | iAB65035: Purification humic acid as precursor to synthesize reduced graphene by hydrothermal method with microwave assisted method (Thailand) | iAB65025: The reduction of unpleasant odor in pseudo ceramic by using natural filler (Thailand) |
| 16.15-16.30 | iAB65030: On the asymptotic normality of the estimator for ratio of Binomial proportions (Thailand) | iAB65037: Characterization of bioplastic (Poly Hydroxy Butyrate) producing bacteria from termite mound soil (India) | iAB65036: Decolorization of Methylene Blue (MB) by Biosorption of Termite Fungus Termitomyce sp. (India) |
| 16.30-16.45 | iAB65032: Estimating the number of cannabis abuse in Chiangmai (Thailand) using single source data (Thailand) | - | iAB65039: Organic soil amendments' impact on the fate of the herbicide MCPA and microbial communities (Germany) |

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| 16.45-17.00 | iAB65033: application of the Horvitz Thompson estimator based upon Poisson Shanker model for capture-recapture data (Thailand) | - | - |
| 17.00-17.15 | iAB65038: Impacts of Road Characteristics and Weather Conditions on Fatal Accidents in Surat Thani Province of Thailand (Thailand) | - | - |
| 17.15-17.30 | iAB65040: Mathematical Modeling on Transmission and Optimal Control Strategies of Corruption Dynamics (Thailand) | - | - |
| 17.30 | Conference Closing | | |