CLUSTER A:
FOOD AND POSTHARVEST ENGINEERING

NATIONAL AGRICULTURAL AND FOOD ENGINEERING CONVENTION

NAFEC 2023

"FOOD SECURITY FOR THE FUTURE"

8 & 9 MARCH 2023 ● **Institut Latihan FAMA Port Dickson, Negeri Sembilan**

Co-Organiser

RM50 + certificate

CONGRATULATIONS

CLUSTER A: FOOD AND POSTHARVEST ENGINEERING

Nur Eliyanti Ali Othman, Fatiha Ismail, Noorshamsiana Abdul Wahab

(Lembaga Minyak Sawit Malaysia)

Palm Based Cellulose Derivatives and Its Potential as Food Additives

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CONGRATULATIONS

CLUSTER A: FOOD AND POSTHARVEST ENGINEERING

Norizzah Binti Rosle, Hasfalina Che Man, Izzah Farhana Ab Aziz, Muhammad Hazwan Hamzah

(Universiti Putra Malaysia)

Production of Freshwater Fish Feed from Salvinia molesta and Pontederia crassipes for Environmental Sustain

Co-Organiser

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CONGRATULATIONS

CLUSTER A: FOOD AND POSTHARVEST ENGINEERING

Noorazwani Zainol

(Universiti Teknologi Malaysia)

Artocarpus Altilis Production to Serve as Alternative Food Option to Diversified Food Supply

Co-Organiser

CLUSTER B: MECHANIZATION AND AUTOMATION

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CONGRATULATIONS

CLUSTER B: MECHANIZATION AND AUTOMATION

Vikneswaran Jeya Kumaran

(Universiti Putra Malaysia)

Geotagged Crop Monitoring using Aerial Imagery and Vegetation Indices Algorithm

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CONGRATULATIONS

CLUSTER B: MECHANIZATION AND AUTOMATION

Mohd Nazren Radzuan, Alysha Auluck Amarjit Singh

(Universiti Putra Malaysia)

Optimization of Detection of Foam Formation in Palm Oil Mill Wastewater Treatment by using Machine Learning Techniques

Co-Organiser

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CONGRATULATIONS

CLUSTER B: MECHANIZATION AND AUTOMATION

Mohd Azwan Mohd Bakri, Mohd Rizal Ahmad, Mohd Juraimi Jusoh

(Lembaga Minyak Sawit Malaysia)

A Study on Sensor Spraying System for Oil Palm Herbicide Spraying

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CLUSTER C: ENVIRONMENT, WATER, SOIL AND NATURAL RESOURCES

NATIONAL AGRICULTURAL AND FOOD ENGINEERING CONVENTION

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CONGRATULATIONS

CLUSTER C: ENVIRONMENT, WATER, SOIL AND NATURAL RESOURCES

Rabiatul Adawiyah Zayadi, Nurul Huda, M. Z., Ramlan, M.

(Jabatan Perkhidmatan Veterinar)

Pilot Testing on the Level of Knowledge and Perception of Green Practices in Livestock Sector among Local Consumers

Co-Organiser

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CONGRATULATIONS

CLUSTER C: ENVIRONMENT, WATER, SOIL AND NATURAL RESOURCES

Adila Fazliyana Binti Aili Hamzah, Muhammad Hazwan Hamzah, Hasfalina Che Man, Khairudin Nurulhuda, Muhammad Heikal Ismail, Show Pau Loke

(Universiti Putra Malaysia)

Influence of Subcritical Water Pre-Treatment Parameters on Methane Production From Empty Fruit Bunches: Process Optimization

Co-Organiser

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CONGRATULATIONS

CLUSTER C: ENVIRONMENT, WATER, SOIL AND NATURAL RESOURCES

Izzah Farhana Ab Aziz, Hasfalina Che Man, Rosnah Shamsudin, Wan Norizzati Sahira Wan Ahmad Kamal

(Universiti Putra Malaysia)

Life Cycle Assessment (LCA) of Pineapple Cultivation in Malaysia

Co-Organiser

CLUSTER D:
DEVELOPMENT OF AGRICULTURAL INFORMATICS SYSTEM AND MARKETING

NATIONAL AGRICULTURAL AND FOOD ENGINEERING CONVENTION

NAFEC 2023

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CONGRATULATIONS

CLUSTER D: DEVELOPMENT OF AGRICULTURAL INFORMATICS SYSTEM AND MARKETING

Nur Azuan Husin, Nurul Izzah Zainal Abidin , Siti Khairunniza Bejo

(Universiti Putra Malaysia)

A Comparison of UAV and TLS Data for BSR Disease Detection in Oil Palm Plantation

Co-Organiser

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CONGRATULATIONS

CLUSTER D: DEVELOPMENT OF AGRICULTURAL INFORMATICS SYSTEM AND MARKETING

Arief Huzaimi Md Yusof, Siti Salwa Abd Gani, Uswatun Hasanah Zaidan, Mohd Izuan Effendi Halmi

(Lembaga Koko Malaysia)

Potential Application of Bioactive Compounds from Cocoa Processing Waste in Hair Care Gel for The Cosmetic Industry

Co-Organiser

RM120 + certificate

CONGRATULATIONS

CLUSTER D: DEVELOPMENT OF AGRICULTURAL INFORMATICS SYSTEM AND MARKETING

Mohammad Effendy Ya'acob

(Universiti Putra Malaysia)

Agrivoltaic Oyster Mushroom Cultivation: A Success Story

Co-Organiser

ANNOUNCEMENT:

1. Full results of the poster presentation will be uploaded on the NAFEC2023 official website within 2 days after the convention.

2. All participants will receive an e-certificate within one month.

3. The organizer will get in touch with each winner to arrange a cash prize.

Co-Organiser