

AWARD WINNER CAFEI 2023

Best Oral Presentation (Agriculture Engineering)

No	Title	Author	Presenter
GOLD	EVALUATING THE EFFECT OF LOW AND HIGH TEMPERATURE MODE OF SUBCRITICAL WATER PRE-TREATED EMPTY FRUIT BUNCHES ON CO-DIGESTION PERFORMANCE AND KINETIC STUDY FOR BIOGAS PRODUCTION	Hamzah, A. F. A. Hamzah, M. H. , Che Man, H., Khairudin, N., Ismail, M. H., and Show, P. L.	ADILA FAZLIYANA AILI HAMZAH
SILVER	CHARACTERISATION OF PHYSICOCHEMICAL PROPERTIES OF MANGO INFECTED BY COLLETOTRICHUM GLOEOSPORIOIDES	Eh Teet, S. and Hashim, N. , Siti Khairunniza Bejo, S. N., Ismail, S. N., and Ali, M. M.	SUDAU EH TEET
BRONZE	KINETICS OF DIMENSIONAL CHANGES OF WHITE GLUTINOUS RICE DURING SOAKING	Azman, P. N. M. A., Shamsudin, R. , Hashim, N., and Che Man, H.	PUTERI NURAIN MEGAT AHMAD AZMAN

Best Oral Presentation (Food Engineering)

No	Title	Author	Presenter
GOLD	DRYING KINETICS AND MASS TRANSFER PROPERTIES OF GLUTINOUS RICE (ORYZA SATIVA VAR. GLUTINOSA) IN A FIXED-BED DRYER UNIT: EXPERIMENT & SIMULATION	Ab Aziz, I. F., Che Man, H. , Shamsudin, R., Ismail, M. F. S. and Bathumaly, S.	SANGITHA BATHUMALY
SILVER	NANOENCAPSULATION OF THYMOL IN CHITOSAN NANOPARTICLE ON POLY (LACTIC ACID)/ POLY (BUTYLENE SUCCINATE)/NANOFIBRILLATED CELLULOSE (PLA/PBS/NFC) FOR ACTIVE FOOD PACKAGING APPLICATION	Zabidi, N.A. , Tawakkal, I.S.M.A. , Ariffin S.H. and Naim M.N.	NURUL 'AFIFAH ZABIDI
BRONZE	EVALUATION OF GALLIC ACID FROM PIPER BETLE LINN LEAVES EXTRACT: A SUBCRITICAL WATER HYDROLYSIS STUDY	Rahmah, N. R., Sulaiman, A., Taip, F. S. Izhar, S. and Kamal, S. M. M.	NUR LAILATUL RAHMAH

Best Poster Presentation (Agriculture Engineering)

No	Title	Author	Presenter
GOLD	WATERMELON POSTHARVEST AND PROCESS ENGINEERING SYSTEM	Sairi, M. , Shafie, Z. Noh, B. M., Azman, W. M. F. W., Hasbullah, H. H. Azizan, S. A., Rahim, A. A., Razali, N. A. and Teoh, C. C.	MASNIZA SAIRI
SILVER	GREEN SYNTHESIS OF SILVER AND ZINC OXIDE NANOPARTICLES USING STINGLESS BEE HONEY	Bahari, N. , Hashim, N. Abdan, K., Akim, A. M., Maringgal, B. and Al-Shdifat, L.	NORFARINA BAHARI
BRONZE	GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING STINGLESS BEE HONEY	Rozman, A. S., Hashim, N. Maringgal, B., Tawakkal, I. S. M. A., Khalina Abdan, K. and Sabarudin, A.	AZRI SHAHIR ROZMAN

Best Poster Presentation (Food Engineering)

No	Title	Author	Presenter
GOLD	CHARACTERIZATION OF PATCHOULI ESSENTIAL OILS LOADED-CHITOSAN NANOPARTICLES	Asmadi, F. A., Tawakkal, I. S. M. A. , Talib, R. A., Othman, S. H., Basri, M. S. M.	FARHANA AZMIRA ASMADI
SILVER	SUGAR EXTRACTION FROM BAMBOO SHOOT VIA ENZYMATIC HYDROLYSIS	Harun, S. H. A., Ghani, W. A. W. A. K. and Mustapa Kamal, S. M.	SITI HANA ALISA HARUN
BRONZE	THE EFFECT OF ADDING GARCINIA ATROVIRIDIS ON PH, COLOUR AND ANTIOXIDANT PROPERTIES OF ROSELLE TISANE	Tun Norbrillinda, M. , Norra, I. and Helmi, M. M. A.	TUN NORBRILLINDA, M.

Best Paper (Food Engineering)

NO	PAPER ID	PAPER TITLE	AUTHORS	PRESENTER
GOLD	CAFEi2023: 024-015	ELUCIDATING ULTRASONIC AND OZONE TREATMENT FOR PURPLE SWEET POTATO STARCH MODIFICATION	Shah, N. N. A. K. , Hakim, A. N., Sabri, N., Ismail, M. A., Yuslee, I. N., Tawakkal, I. S. M. A. and Yusof, Y. A.	NOR NADIAH ABDUL KARIM SHAH
SILVER	CAFEi2023: 085-056	MITIGATING 3-MONOCHLOROPROPANE-1,2-DIOL AND MINERAL OIL HYDROCARBON (MOH) CONTAMINANTS IN PALM PRODUCTION OIL USING HOT WATER DILUTION	Hilmi, S. M. H. S., Md Rejab, S. A., Siran, Y. M., Ngteni, R., Saparin, N. and Zulkurnain, M.	SYED MOHD HADI SYED HILMI
BRONZE	CAFEi2023: 113-097	EVALUATION OF THE CUCUMBER-STARTER (CU-S) PERFORMANCE IN ACCELERATING FOOD WASTE COMPOSTING	Raimi, H. S. M., Ismail, T. N. H. T. , Ali, R., Najib, M. Z. M., Yuriz, Y. and Jais, T.	HALIMATUS SAADIAH MOHAMED RAIMI

Best Paper (Agriculture Engineering)

NO	PAPER ID	PAPER TITLE	AUTHORS	PRESENTER
GOLD	CAFEi2023: 098-078	EFFECT OF COMPOSITE TECHNOLOGIES ON THE MECHANICAL PROPERTIES AND BIODEGRADABILITY OF AGRICULTURAL POLYMERIC MATERIALS	Sam, N. S. M. , Krishnen, G., Baharulrazi, Abdullah, L. C., and Majid, R. A.	NOR SYAHIDAH MD SAM
SILVER	CAFEi2023: 129-116	WIRELESS WATER LEVEL DETECTION SYSTEM	Toridi, N. M. , Ramli, N. M., Khairudin, N., Muhammad Idham Haiqal, A., Muhammad Shamir, M. H., Nur Shafiqah, I. and Anelka Dau, K.	NOORELLIMIA MAT TORIDI
BRONZE	CAFEi2023: 164-140	CORDLESS PALM OIL CUTTER, P-1 FOR SMALL HOLDER'S PLANTATION	Yusof, A.H. A., Mat Akir, R. , and Md Yusop, N.	AHMAD HAZIQ AHMAD YUSOF