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Naintina Lisnawati, S.K.M., M.Gizi

*as a presenter in the 3rd International Symposium on Food and
Agro-biodiversity (the 3rd ISFA) on 14-15 September 2021*



Professor Bambang Waluyo Hadi Eko Prasetyono

Faculty Dean of Animal and Agricultural Sciences
Universitas Diponegoro



Dr Setya Budi Muhammad Abduh

Chairperson of ISFA 2021

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**The Third International Symposium on
Food and Agrobiodiversity (ISFA 2021)**
Opportunities and Challenges of Sustainable Agriculture
and Food Production during Global Pandemic

Semarang, Indonesia • 14–15 September 2021

Editors • Setya Budi Muhammad Abduh, Ahmad Ni'matullah Al-Baarri
and Sri Mulyani





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Keynote Speakers

The current symposium will be an event for experts in sustainable agriculture, sustainable food production and sustainable agribusiness to share the recent works in their fields. Therefore, these following experts will be sharing as the keynote speakers.

1. Prof Maurice Ku – Plant Molecular Biology: Engineering C4 Rice (Department of Bioagricultural Sciences, College of Agriculture, National Chiayi University, Taiwan)
2. Prof Joost van den Borne – Animal Production and Healthy Farming (HAS University of Applied Sciences, Netherland)
3. Prof Shigeru Hayakawa – Food Science (Kagawa University, Japan)
4. Prof Indrawati Oey – Food Processing (Department of Food Science, University of Otago, New Zealand)
5. Dr Hii Ching Lik – Drying Technology (Nottingham University, Malaysia)
6. Prof Peter J Batt – Social Science (Curtin University, Australia)

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JUDUL	DIKUTIP OLEH	TAHUN
Modelling heat and mass transfer processes during drying: Empirical, theoretical and reaction engineering approach CL Hii, CL Chiang, A Putranto AIP Conference Proceedings 2586 (1), 060011		2023
Special Issue "Recent Advances in Thermal Food Processing Technologies" CL Hii, CH Tan, MW Woo Processes 11 (1), 288		2023
Hybridization of freeze drying and impacts on drying kinetics and dried product quality of kedondong fruits CT Ee, CL Hii, SP Ong, CL Law, CH Tan Drying Technology 40 (16), 3413-3424	3	2022
Baking Kinetics and Characteristics of Cake Mixture Formulated with Mealworm Powder CL Hii, N Kumaran, CH Cheah, KL Tan, B Mistry, CL Chiang IOP Conference Series: Materials Science and Engineering 1257 (1), 012052		2022
Degradation kinetics of carpaine and antioxidant properties of dried Carica papaya leaves as affected by drying methods JY Yap, CL Hii, SP Ong, KH Lim, F Abas, KY Pin International Journal of Food Engineering 18 (8-9), 593-602		2022
Numerical Analysis of Three-Dimensional Heat and Mass Transfer in Cocoa Beans Under a Solar Drying Condition With a Thermal Storage Material CA Komolafe, MA Waheed, C Ezekwem, CL Hii Journal of Thermal Science and Engineering Applications 14 (7)	1	2022
Valorization of fruits, vegetables, and their by-products: Drying and bio-drying CH Tan, CL Hii, C Borompichaichartkul, P Phumsombat, I Kong, LP Pui Drying Technology 40 (8), 1514-1538	4	2022
Simulation of mass transfer kinetics of microwave drying of fish paste CL Hii, CL Chiang, RLL Tan AIP Conference Proceedings 2357 (1), 040006		2022
Quantification of Carpaine and antioxidant properties of extracts from Carica Papaya plant leaves and stalks JY Yap, CL Hii, SP Ong, KH Lim, F Abas, KY Pin Journal of Bioresources and Bioproducts 6 (4), 350-358	14	2021
Modelling the kinetics of microwave drying of shallot (Allium cepa) slices CL Hii, C Govind, CL Chiang, D Mohammad		2021

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Leaves as environmentally friendly traditional food packaging: Case studies in traditional markets

Setiyo Prajoko; Clarisa Febri Prastiwi; Indria Arganingtias; Ira Dian Melawati; Nafis Ayyada Affa; Farida Romandani; Syahrul Ramdhani

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IOP Conference Series: Materials Science and Engineering 1195 (1), 012033		
Hybrid drying of food and bioproducts: A review CL Hii, SP Ong, JY Yap, A Putranto, D Mangindaan Drying Technology 39 (11), 1554-1576	24	2021
Air dehumidification with advance adsorptive materials for food drying: A critical assessment for future prospective M Djaeni, DQ A'yuni, M Alhanif, CL Hii, AC Kumoro Drying Technology 39 (11), 1648-1666	11	2021
Available technologies on improving the stability of polyphenols in food processing H Cao, O Saroglu, A Karadag, Z Diaconeasa, G Zoccatelli, ... Food Frontiers 2 (2), 109-139	48	2021
Drying kinetics and modelling of convective drying of kedondong fruit CT Ee, YJ Khaw, CL Hii, CL Chiang, M Djaeni ASEAN Journal of Chemical Engineering 21 (1), 93-103	4	2021
Improvements in thermal efficiency of onion slice drying by exhaust air recycling M Djaeni, H Hadiyanto, AC Kumoro, FD Utari, CL Hii Cogent Engineering 8 (1), 1920562	1	2021
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Two-step falling rate in the drying kinetics of rice noodle subjected to pre-treatment and temperature MH Ismail, KA Khan, N Ngadisih, M Irie, SP Ong, CL Hii, CL Law Journal of Food Processing and Preservation 44 (11), e14849	2	2020
Modeling of convective drying of sawdust using a reaction engineering approach HA Mohd Yusof, JL Ng, SC Ng, YJ Lee, CL Hii, A Putranto Chemical Engineering & Technology 43 (9), 1802-1812	4	2020
Effects of drying on total polyphenols content and antioxidant properties of <i>Carica papaya</i> leaves JY Yap, CL Hii, SP Ong, KH Lim, F Abas, KY Pin Journal of the Science of Food and Agriculture 100 (7), 2932-2937	34	2020
Convective baking characteristics and effective moisture diffusivities of yellow mealworms WH Seah, ASM Wong, WQN Naik, CM Tan, CL Chiang, CL Hii ASEAN Journal of Chemical Engineering 20 (2), 165-173	1	2020

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AIP Conference Proceedings **2586**, 030002 (2023); <https://doi.org/10.1063/5.0111065>

Florencia Nery Sompie^{1,a)}, Jein Rinny Leke^{1,b)}, Jacqueliem Laihad^{1,c)}, Linda Tangkau^{1,d)}, and Malcky Telleng^{1,e)}

Hide Affiliations

¹Faculty of Animal Science, University of Sam Ratulangi, Manado, 9551, Indonesia

^{b)}Corresponding author: rinileke@yahoo.com

^{a)}nerysompie@unsrat.ac.id

^{c)}inelaihad@gmail.com

^{d)}linda.tangkau@yahoo.com

^{e)}adetelleng@gmail.com

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Modelling heat and mass transfer processes during drying: Empirical, theoretical and reaction engineering approach

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Ching Lik Hii^{1,a)}, Choon Lai Chiang^{2,b)}, and Aditya Putranto^{3,c)}

Hide Affiliations

¹Department of Chemical and Environmental Engineering, Faculty of Science and Engineering, University of Nottingham Malaysia, Jalan Broga, Semenyih, Selangor Darul Ehsan, 43500, Malaysia

²Foundation in Engineering, Faculty of Science and Engineering, University of Nottingham Malaysia, Broga, Semenyih, Selangor Darul Ehsan, 43500, Malaysia

³School of Engineering, Monash University Malaysia, Jalan Lagoon Selatan, Bandar Sunway, Selangor Darul Ehsan, 47500, Malaysia

^{a)}Corresponding author: Ching-Lik.Hii@nottingham.edu.my

^{b)}cl.chiang@nottingham.edu.my

^{c)}aditya.putranto1@monash.edu

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Electronic morphology of acrylamide in roasted coffee products by cyclic voltammetry

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Hasim Munawar^{1,a)}, Harmoko², Budi Yarsi³, Amalia Rakhmawati³, Luis André L. Fernandes⁴, Ireng Darwati⁵, and Martin Peacock⁴

Hide Affiliations

¹Toxicology Department, Indonesian Research Center for Veterinary Science, IAARD-Ministry of Agriculture, Jl. RE Martadinata No. 30, Bogor, 16114, Indonesia

²Directorate of Standardization and Quality Control, Ministry of Trade Republic of Indonesia, Jl. Raya Bogor KM 26, Ciracas, Jakarta Timur, 13740, Indonesia

³Academy of Metrology and Instrumentation, Daeng M. Ardiwinata St. KM 3,4, Cihanjuang, Bandung 40559, Indonesia

⁴Zimmer Peacock, As, Bygg 24, Nedrei Vei 8, Horten, 3183, Norway

⁵Indonesian Spice and Medicinal Crops Research Institute, IAARD-Ministry of Agriculture, Jl. Tentera Pelajar No. 3, Bogor, 16111, Indonesia

^{a)}Corresponding author: seemunawar@gmail.com

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The effects of the early oral feeding on preterm infant's length of hospital stay

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Amanda Candraning Pratiwi^{1,b)}, Haryatiningsih Purwandari^{1,2,a)}, and Meivita Dewi Purnamasari^{1,c)}

Hide Affiliations

¹Department of Nursing Students, Faculty of Health Sciences, Jenderal Soedirman University, Jl. Dr. Soeparno, Karangwangkal, Purwokerto, 53123, Indonesia

²IDPN Student, NCKU, Tainan, Taiwan

^{a)}Corresponding author: haryatiningsih.purwandari@unsoed.ac.id.

^{b)}amanda.pratiwi@mhs.unsoed.ac.id
^{c)}meivita.purnamasari@unsoed.ac.id

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