



THE 7TH INTERNATIONAL CONFERENCE
ON INFORMATION TECHNOLOGY, COMPUTER,
AND ELECTRICAL ENGINEERING



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**2020 7th International Conference on Information Technology,
Computer and Electrical Engineering
(ICITACEE)**

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Program

A. Circuit & Control (Thursday: September 24, 2020. 13.00 – 17.20)

Chair: Munawar A Riyadi

Finger Robotic Control Use M5Stack Board and MQTT Protocol Based

Puput Dani Prasetyo Adi

Presenter bio: lam Lecturer at electrical engineering department unmer - malang

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Liquid Flow Control Design Based on PID-Fuzzy Controller with anti-Windup Compensator

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Development of Dynamic Model of Autonomous Sailboat for Simulation and Control

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Chair: Aghus Sofwan

Development of Mobile Skin Cancer Detection Using Faster R-CNN and MobileNet V2 Model

Cahyo Adhi Hartanto and Adi Wibowo

Presenter bio: I received my B.S degree from Diponegoro University, M.S. degrees from Universitas Indonesia, Indonesia, in 2005 and 2011, and Ph.D. degrees from Nagoya University in 2016. My research interests include molecular robotics, DNA computing, signal processing and machine learning.

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Syafi Muhammad Tauhid and Yova Ruldeviyani

Presenter bio: My name is Syafi Muhammad T, I am a Master Student in Universitas Indonesia. Currently, I am at my second semester and this is my first paper submission!

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Understanding Indonesian Citizen's Continuance Intention to Use Mobile-based Smart City: A Perspective of Modified Expectation Confirmation Model (M-ECM)

Aang Kisnu Darmawan, Dr, Daniel Siahaan, Tony Dwi Susanto, Hoiriyah Hoiriyah, Busro Umam and Bakir Bakir

Presenter bio: I am a lecturer and researcher on Departement of Information Systems at Madura Islamic University. my research concern on fields e-government, smart city, technology acceptatance, technology adoption, human computer interaction/user experience

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Chair: Agung Prasetijo

Development of Indonesian Language Speech Recognition Algorithm Model in Knowledge Database

Emny Yossy, Syaeful Karim and Dannys Rachmantyo

Presenter bio: I am Emny, a lecturer at Universitas Bina Nusantara, School of Computer Science major in software engineering.

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Presenter bio: Teaching staff member at electrical engineering of Syiah Kuala university Banda Aceh

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Presenter bio: Associate Professor Dr. R. Rizal Isnanto Lecturer in Computer Engineering Department, Diponegoro University, Semarang, Indonesia.

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Presenter bio: I work at Kariadi Hospital as an Electrical Planner. I studied at Diponegoro University in Semarang by majoring in Electrical Engineering.

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- E. **Telecommunications, Biomedical Engineering & Green Application (Thursday : September 24, 2020. 13.00 - 17.20)**
Chair: Teguh Prakoso

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Rifky Ismail, Deni Fitriyana, Mukhamad Alfian Habibi, S. Sugiyanto and A. Bayuseno

Presenter bio: An assistant professor in Department of Mechanical Engineering, Diponegoro University, Indonesia. A researcher in Center for Biomechanics, Biomaterial, Biomechatronics and Biosignal Processing (CBiom3S) Diponegoro University. I conduct a research on biomechanics, biomaterial, biomechatronics, tribology and engineering design.
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7th International Conference on Information Technology, Computer, and Electrical Engineering, ICITACEE 2020 - Proceedings • Pages 247 - 251 • 24 September 2020 • Article number 9239158 • 7th International Conference on Information Technology, Computer, and Electrical Engineering, ICITACEE 2020 • Semarang • 24 September 2020 through 25 September 2020 • Code 164776

Document type
Conference Paper
Source type
Conference Proceedings

ISBN
978-172817225-5
DOI
10.1109/ICITACEE50144.2020.9239158

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Electric Load Management on Solar Power Plant System

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