



ISSN: 2252 4274 (Print)
ISSN: 2252 5459 (Online)

ComEngApp

Computer Engineering and Applications Journal



EA
Computer Engineering
and Applications

www.comengapp.unsri.ac.id



[Home](#) / [Editorial Team](#)

Editor-in-chief

- [Prof. Dr. Ir. Siti Nurmaini](#), Faculty of Computer Science, Sriwijaya University, Indonesia

Advisory Editorial Board

- [Prof. Dr. Germano Lambert-Torres](#), Universidade Federal de Itajuba, Brazil
- [Prof. Dr. Serhat Āžeker](#), Istanbul Technical University, Turkey
- [Prof. Dr. Sci. Ildar Z. Batyrshin](#), Ph.D, Mexican Petroleum Institute, Mexico

Co-Editors-in-Chief

- [Assoc. Prof. Dr. Brian Kurkoski](#), School of Information Science Japan Advanced Institute of Science and Technology (JAIST), Japan
- [Assoc. Prof. Dr. Dejan Gjorgjevikj](#), SS Cyril and Methodius University, Skopje, Macedonia
- [Assoc. Prof. Dr. Ion Tutanescu](#), University of Pitesti, Romania

Associate Editors

- [Prof. Dr. Rahmat Budiarto](#), College of Computer Science and IT, Albaha University, Saudi Arabia
- [Prof. Dr. Tahir M. Lazimov](#), Azerbaijan Technical University, Azerbaijan
- [Prof. Dr. Eleonora Guseinoviene](#), Klaipeda University, Lithuania
- [Prof. Dr. Eng. Sattar Bader Sadkhan](#), University of Babylon, Iraq
- [Prof. Dr.-Ing. Ir. Kalamullah Ramli](#), Universitas Indonesia, Indonesia
- [Assoc. Prof. Dr. Tahir Cetin Akinci](#), Kirlareli University, Turkey
- [Assoc. Prof. Dr. Siti Zaiton Mohd Hashim](#), Universiti Teknologi Malaysia, Malaysia
- [Dr. Reza Pulungan](#), Universitas Sriwijaya, Indonesia
- [Dr. Reza Firsandaya Malik](#), Faculty of Computer Science, Sriwijaya University, Indonesia
- [Dr. Ir. Aciek Ida Wuryandari](#), Institut Teknologi Bandung, Indonesia
- [Dr. Ir. Endra Pitowarno](#), Politeknik Elektronika Negeri Surabaya - PENS, Indonesia
- [Dr. Mohd. Riduan Ahmad](#), Universiti Teknikal Malaysia Melaka, Malaysia

Managing Editor

- [Dr. Deris Stiawan](#), Faculty of Computer Science, Sriwijaya University, Indonesia

Area Editor for Computer Science and Informatics

- [Prof. Dr. Kamal Bechkoum](#), School of Science and Technology, Northampton, United Kingdom
- [Assoc. Prof. Dr. Simon Xu](#), Algoma University College, Canada
- [Dr. Rozita Jamili Oskoue](#), Institute of Advanced Basic Science, Iran, Islamic Republic Of
- [Dr. Sultan Noman Qasem](#), Al- Imam Muhammad Ibn Saud Islamic University, Saudi Arabia
- [Dr. Aina Musdholifah](#), University of Gadjah Mada, Indonesia
- [Dr. Imam Much Ibnu Subroto](#), Universitas Islam Sultan Agung, Indonesia

Area Editor for Control and Automation

- [Assoc. Prof. Dr. Zhong Hu](#), South Dakota State University, Brookings, United States
- [Assoc. Prof. Dr. Serdar Ethem Hamamci](#), Inonu University, Turkey
- [Assoc. Prof. Dr. Gökhan Gokmen](#), Marmara University, Turkey
- [Assoc. Prof. Dr. Audrius Senulis](#), Klaipeda University, Lithuania
- [Dr. Eng. Tresna Dewi](#), Politeknik Negeri Sriwijaya, Indonesia

Area Editor for Embedded Systems

- [Assoc. Prof. Dr. Tole Sutikno](#), University of Ahmad Dahlan, Indonesia
- [Wahyu Caesarendra, Ph.D.](#), Universiti Brunei Darussalam, Brunei Darussalam

Area Editor for Security and Communication Networks

- [Prof. Dr. Gamal Abdel Fadel Khalaf](#), Faculty of Engineering, Helwan University, Cairo, Egypt
- [Assoc. Prof. Dr. Dana Prochazkova, PhD., DrSc.](#), Czech Technical University, Czech Republic
- [Dr. Eng. Khoiril Anwar](#), Telkom University, Indonesia
- [Dr. Oscar Mortágua Pereira](#), Universidade de Aveiro, Portugal
- [Charles Lim, ECSA, ECSP, ECIH, CEH](#), Faculty of Information Technology, Swiss-German University, Indonesia
- [Muhammad Nuh Al-Azhar, M.Sc., CHFI., CEI., ECIH.](#), Forensic Laboratory Centre of Indonesian National Police Headquarter, Indonesia

Area Editor for Signal Processing, Image Processing and Pattern Recognition

- [Assoc. Prof. Dr. Hasan Demir](#), Namik Kemal University, Turkey
- [Dr. Eng. Anto Satriyo Nugroho](#), Center for the Assessment & Application of Technology (PTIK-BPPT), Indonesia
- [Assoc. Prof. Dr. Ahmad Hoirul Basori](#), King Abdulaziz University, Saudi Arabia

Area Editor for Grid and Cloud Computing

- [Dr. Adil Yousif](#), University of Science and Technology, Khartoum, Sudan
- [Dr. Ming Mao](#), University of Virginia, United States

Publication

- [Firdaus, M.Cs.](#) | Director Production | Faculty of Computer Science, Sriwijaya University, Indonesia
- [Sutarno, M.Eng.](#) | Assistant Director Production | Faculty of Computer Science Sriwijaya University, Indonesia
- [Sarifah Putri Rafflesia, M.Eng.](#) | Faculty of Computer Science Sriwijaya University, Indonesia





[Home](#) / [Archives](#) / Vol 6 No 1 (2017)

Articles

[Network-on-Chip Paradigm for System-on-Chip Communication](#)

Rahmat Budiarto, Lelyzar Siregar, Deris Stiawan

1-4 | published: 2017-02-27

[Object Following Design for a Mobile Robot using Neural Network](#)

Neta Larasati, Tresna Dewi, Yurni Oktarina

5-14 | published: 2017-02-27

[Least Significant Braille Method in Steganography Using Digital Image Media For Security Message](#)

Megah Mulya, Zikry Sugiwa

15-20 | published: 2017-02-27

[Towards Racing Gamification with Natural Interface for post stroke Rehabilitation](#)

Ahmad Hoirul Basori, Alaa Omran Almagrabi

21-28 | published: 2017-02-27

[Priority based computation: "An Initial study result of paradigm shift on real time computation"](#)

Sukemi Sukemi, Riyanto Riyanto

29-38 | published: 2017-02-27

[Weighting Facial Features Extraction using Geometric Average](#)

Saparudin Saparudin

39-44 | published: 2001-02-27