

**List of Parallel Sessions**  
**Sriwijaya International Conference of Information Technology and Its Applications (SICONIAN) 2019**

Room 3 (Jati 2)  
 Moderator Mastura Diana Meriska, M.T.  
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 Tim Teknis Berliana Septiyanti  
 Gladys Dwi Mawarni  
 Jumlah Paper 14

<b>Room Computer Engineering</b>			
No	ID	Title	Author
1	1570590211	Design Depth and Balanced Control System of an Autonomous Underwater Vehicle (AUV) with Fuzzy Logic	Ahmad Zarkasi; Endang Yudi; Ilham Angkotasan; Muhammad Ravi
2	1570590220	Design Heading Control for Steering AUV with Fuzzy Logic	Ahmad Zarkasi; Endang Yudi; Ilham Angkotasan; Muhammad Ravi
3	1570590720	Implementation of Fuzzy Logic Method for Lifting Control System on Autonomous Underwater Vehicles	Ahmad Zarkasi; Rossi Passarella; Siti Nurmaini; Muhammad Maulana; Muhammad Fajar
4	1570599131	Navigation System Based on Learning Vector Quantization Method for Robot Inspecting Object	Rendyansyah Rendyansyah; Siti Nurmaini; Fikri Aulia Parlindungan Lubis; M. Dimas Firmansyah
5	1570600070	The Sustainable Ecosystem for Sensor and Video Alarm System	Ariesta Satryoko
6	1570600265	Implementation of Fuzzy Logic Control for Navigation System in Mobile Robot Omnidirectional	Rendyansyah Rendyansyah; Siti Nurmaini; Sartika Sari; Dimas Bagus Ramarta
7	1570603628	Sequential Models for Text Classification Using Recurrent Neural Network	Winda Kurnia Sari; Dian Palupi Rini; Reza Firsandaya Malik; Iman Saladin B. Azhar
8	1570600341	RFID Tag Location Determination System in the Parking Area Using K-Nearest Neighbor Algorithm	Ahmad Fali Oklilas; Elvatyara Puteri; Samsuryadi Sahmin
9	1570600354	A Propose Design Realtime Patient Monitoring System Using Websocket as A Basis of Telemedicine	Andreo Yudertha; Nehru Nehru
10	1570600414	Optimization of Underwater Image Objects with Noise Analysis Using a Gaussian Filter Selected Algorithm	Sukemi Adam, Jr
11	1570605148	Application of Water Height Puddles Based on Android and Arduino	Ahmad Rifai; Rahmat Izwan Heroza; Sarmayanta Sembiring; Rossi Passarella

12	1570608837	Gacobot (Garbage Collector Robot) Navigation System for Distribution Solid Waste to Temporary Dumpsite	Wahyu Gunawan; Aditya Prasetyo; Siti Nurmaini; Rendyansyah Rendyansyah; Sri Desy Siswanti, sds
13	1570604193	E-WS: A Novel Smart Information System Towards Smokers for the Outdoor Canteen Environment	Muhammad Ali Buchari; Kemahyanto Exaudi; Sarmayanta Sembiring; Osvari Arsalan; Purwita Sari
14	1570600436	Performance Analysis of Parallel Processing on GPU for Simple Mathematical Computation	Mastura Diana Marieska; Novi Yusliani; Rahmat Izwan Heroza; Muhammad Ridho Sufa; Adi Widiyanto