

Sritrusta Sukaridhoto

Assistant Professor, Researcher and Guitarist

contact biography

**Politeknik Elektronika
Negeri Surabaya**

Gedung Pascasarjana 9th
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Jl. Raya ITS Surabaya

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Mobile: +62 823 6666 6379

dhoto@pens.ac.id
Dhoto's Homepage
Google Scholar
Scopus-ID
fb://iseng4h

languages

Indonesian (native)
English & Japanese

research interests

Computer Networks,
Embedded System,
Multimedia & Internet of
Things



Received the B.E. degree in electrical engineering, computer science program from Sepuluh Nopember Institute of Technology, Indonesia, in 2002 and the Ph.D. degree in Communication Networks Engineering from Okayama University, Japan, in 2013. He joined at Politeknik Elektronika Negeri Surabaya, Indonesia, as a lecturer in 2002. He stayed at Tohoku University, Japan, in 2004, as a visiting researcher. From 2017, He become Head of Human Centric Multimedia Lab. His research interests include computer networks, embedded system, multimedia and Internet of Things. He has received several academic awards, best paper awards and IEEE Young Researcher Award in 2009. He is a member of IEEE.

education

2009–2013 **Doctor** of Philosophy Okayama University, Japan

Engineering

Dissertation: "A Study of Performance Improvement Methods for Real-Time Applications in Wireless Mesh Networks"

Supervised by Prof. Nobuo Funabiki, Prof. M. Hata and Prof. Toru Nakanishi

1997–2002 **Bachelor** of Engineering Institut Teknologi Sepuluh Nopember, Indonesia

Electrical Engineering - Computer Science

Thesis: "Implementation of IPv6 in Institute Technology Sepuluh November of Surabaya"

Supervised by Dr. Surya Sumpeno and Dr. Supeno Mardi

work experience

2002-Now **Politeknik Elektronika Negeri Surabaya** Surabaya, Indonesia

Assistant Professor & Head of Lab

Department of Multimedia Creative Technology,

- Teaching : Data Communication and Computer Networks
- Supervision of Diploma students

Graduate School of Information Technology,

- Teaching : Advanced Computer Networks and Internet of Things
- Supervision of Master students

Head of Human Centric Multimedia Lab

2018-now **Artha Patria Indotekno** Surabaya, Indonesia

CTO

2017, 2018 **Bank Jatim** Surabaya, Indonesia

IT Consultant

2015-now	UGT Sidogiri - USAT <i>Internet Service Provider Consultant</i>	Pasuruan, Indonesia
2017, 2018	PT. Eyro Digital Technology <i>IoT, Big Data architecture Consultant</i>	Surabaya, Indonesia
2016	Dinas Komunikasi dan Informatika <i>Network Security Consultant</i>	Surabaya, Indonesia
2004-2009	Politeknik Elektronika Negeri Surabaya <i>CISCO Network Academy Instructor</i>	Surabaya, Indonesia
1999-2002	Institut Teknologi Sepuluh Nopember <i>Network Administrator of its.ac.id, manage all network devices such as switches, routers and servers.</i>	Surabaya, Indonesia
1999-2002	Judistira Webhosting <i>Network Administrator of web hosting provider, manage all servers and web developer</i>	Surabaya, Indonesia

research experience

2017-Now	Human Centric Multimedia <i>Head of Lab</i> Research about Multimedia and Internet of Things <ul style="list-style-type: none"> - Augmented and Virtual Reality - Human Interaction with Computer Vision and Speech Recognition-Understanding - Internet of Things and BigData 	Surabaya, Indonesia
2013-2017	EEPIS Robotics Research Center (ER2C) <i>Senior Researcher</i> Research about Cyber-Physical Systems <ul style="list-style-type: none"> - MicroKernel OS for Embedded System - Human Robot Interaction with Computer Vision and Speech Recognition-Understanding - Internet of Things and BigData 	Surabaya, Indonesia
2008-2013	Distributed System Lab, Okayama University <i>Research Assistant</i> under supervised by Prof. Nobuo Funabiki Research about Communication Networks <ul style="list-style-type: none"> - Wireless Mesh Networks - Real-time wireless communication - Mac protocol 	Okayama, Japan
2004-2008	Computer Network Units of EEPIS Research on <ul style="list-style-type: none"> - Computer Networks - Computer Vision and Speech Recognition - Integrity Systems 	Surabaya, Indonesia

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- 2003-2004 **Tohoku University** Sendai, Japan
Visiting Reseacher under supervised by Prof. Takafumi Aoki
Research on
- Biometric Fingerprint Matching
 - Parallel Computing
 - Embedded System

society

- 2018 **IC2IE - International Conference of Computer and Informatics Engineering** Bogor, Indonesia
Keynote Speaker
- 2016 **IEEE - International Electronics Symposium** Bali, Indonesia
General Chair
- 2015-now **IAENG Member**
Membership number: 159948
- 2009-now **IEEE Member**
Membership number: 90775049

award

- 2018 **Best Paper Award** TELKOMNIKA, Indonesia
Implementation Integration of VaaMSN with SEMAR for Air Monitoring Solution, Yohanes Yohanie Fridelin Panduman, Adnan Rachmat Anom Besari, Sritrusta Sukaridhoto, Rizqi Putri Nourma Budiarti, Rahardhita Widyatra Sudibyo, Funabiki Nobuo; TELKOMNIKA (Telecommunication Computing Electronics and Control), Indonesia
- 2013-2016 **Dosen Joss** Politeknik Elektronika Negeri Surabaya
Annual award for the best lecturer in department.
- 2014 **Best Paper Award** The 16th International Electronics Symposium, Indonesia
Application Programming Interface Design of Microkernel Based Robotics Operating System, Adhe Widianjaya, Dadet Pramadihanto, Sritrusta Sukaridhoto; The 16th International Electronics Symposium, Indonesia
- 2009 **IEEE's Young Researcher Award** ISCE2009, Japan
- 2009 **Monbusho Scholarship for Doctoral Program** Okayama University, Japan
- 2008 **CCNA Certified** CISCO
CISCO ID : CSC011381768
- 2007 **Best Paper Award** Seminar Nasional Open-Source Software ke-2, Indonesia
"Sistem Pendeteksi Gambar Porno", Dadet Pramadihanto, Sritrusta Sukaridhoto, Muhammad Fatoni A, Rudy Cahyadi H; Prosiding Seminar Nasional Open Source Software ke-2 2007

research grants

- 2018 **Implementasi Vehicle as a Mobile Sensor Network terintegrasi dengan Smart Environment Monitoring and Analytics in Real-time (SEMAR) system sebagai Pemantau Permukaan Jalan dan Lingkungan untuk mendukung Smart City** DIKTI
Penelitian Terapan Unggulan Perguruan Tinggi (Lead) - year: 1 of 3 - Rp. 120.000.000,-
- 2018 **Implementasi Teknologi Portable Ubiquitous Health (U-Health) Dengan Layanan Cloud Untuk Mendukung Smart Health Buatan Indonesia** DIKTI
Penelitian Terapan Unggulan Perguruan Tinggi (Member) - year: 1 of 3 - Rp. 120.000.000,-
- 2018 **Revitalisasi Sistem Jejaring Radio HF Untuk Mendukung Implementasi Jejaring Radio Pemerintah – GRN** DIKTI
Penelitian Terapan Unggulan Perguruan Tinggi (Member) - year: 1 of 3 - Rp. 130.000.000,-
- 2018 **Pusat Pendidikan dan Pelatihan Embedded System Bersertifikasi Sebagai Upaya Penyiapan Sumber Daya Manusia Menjelang Masyarakat Ekonomi ASEAN** DIKTI
Ipteks Bagi Inovasi Kreativitas Kampus (Member) - year: 3 of 3 - Rp. 150.000.000,- + Rp 50.000.000,-
- 2018 **Industrial Edge Computing** CISCO System Indonesia
inKind
- 2018 **Industrial Internet of Things** Ichii Industries Indonesia
inKind
- 2018 **IoT - Smartglass for Industrial Factory Assistant** TMMIN
inKind
- 2017 **DESIGN AND DEVELOPMENT OF UNMANNED UNDERWATER VEHICLES FOR ENVIRONMENTAL MONITORING AND DATA ACQUISITION COMPATIBLE WITH 5D WORLD MAP SYSTEM IN INTERNET OF UNDERWATER THINGS** DIKTI
Penelitian Kerjasama Luar Negeri dan Publikasi International - year: 3 of 3 - Rp. 151.000.000,-
- 2017 **Pusat Pendidikan dan Pelatihan Embedded System Bersertifikasi Sebagai Upaya Penyiapan Sumber Daya Manusia Menjelang Masyarakat Ekonomi ASEAN** DIKTI
Ipteks Bagi Inovasi Kreativitas Kampus - year: 2 of 3 - Rp. 189.000.000,- + Rp 50.000.000,-
- 2017 **Industrial Internet of Things** Ichii Industries Indonesia
inKind
- 2017 **CSR for Robotics and IoT** TMMIN
inKind
- 2016 **DESIGN AND DEVELOPMENT OF UNMANNED UNDERWATER VEHICLES FOR ENVIRONMENTAL MONITORING AND DATA ACQUISITION**

COMPATIBLE WITH 5D WORLD MAP SYSTEM IN INTERNET OF UNDERWATER THINGS

DIKTI

Penelitian Kerjasama Luar Negeri dan Publikasi International - year: 2 of 3
- Rp. 160.000.000,-

2016 **Pusat Pendidikan dan Pelatihan Embedded System Bersertifikasi Sebagai Upaya Penyiapan Sumber Daya Manusia Menjelang Masyarakat Ekonomi ASEAN**

DIKTI

Ipteks Bagi Inovasi Kreativitas Kampus - year: 1 of 3 - Rp. 189.000.000,-
+ Rp 50.000.000,-

2015 **DESIGN AND DEVELOPMENT OF UNMANNED UNDERWATER VEHICLES FOR ENVIRONMENTAL MONITORING AND DATA ACQUISITION COMPATIBLE WITH 5D WORLD MAP SYSTEM IN INTERNET OF UNDERWATER THINGS**

DIKTI

Penelitian Kerjasama Luar Negeri dan Publikasi International - year: 1 of 3
- Rp. 157.500.000,-

2015 **Virtual Reality Lab sebagai penunjang Perkuliahan Terbuka Jarak Jauh (PTJJ)**

Seamolec

Penelitian Hibah PTJJ Seamolec - Rp 10.000.000,-

2014 **PENGEMBANGAN ARSITEKTUR KOMPUTASI DAN SISTEM OPERASI ROBOTIKA UNTUK PENINGKATAN DAYA SAING APLIKASI ROBOTIKA NASIONAL**

DIKTI

Penelitian Unggulan Perguruan Tinggi - year: 2 of 5 - Rp 200.000.000,-

2005 **Rancang Bangun Prototype Mesin Verifikasi Sidik Jari Compact and Mobile dengan Algoritma Phase-Only Correlation Berbasis Embedded System**

DIKTI

Penelitian Hibah Bersaing - Rp 40.000.000,-

2005 **Studi dan Penerapan Teknologi Biometric Fingerprint Matching – Phase Only Correlation Pada Embedded System**

DIKTI

Penelitian Dosen Muda - Rp 10.000.000,-

interests

research: computer networks, embedded system, multimedia & Internet of Things

personal: play guitar, read comics, have fun with my kids

publications

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Journals

Design and development of low cost coral monitoring system for shallow water based on internet of underwater things

A.F. Abdillah, M.H. Berlian, Y.Y.F. Panduman, M.A.W. Akbar, M.A. Afifah, A. Tjahjono, S. Sukaridhoto, S. Sasaki

Journal of Telecommunication, Electronic and Computer Engineering 9.2-5 (2017). 2017

Classification extension based on IoT-big data analytic for smart environment monitoring and analytic in real-time system

Riyadh Arridha, Sritrusta Sukaridhoto, Dadet Pramadihanto, Nobuo Funabiki

Merging of Depth Image Between Stereo Camera and Structure Sensor on Robot "FloW" Vision

Dadet Pramadihanto, Ardiansyah Alfarouq, Suryo Aji Waskitho, Sritrusta Sukaridhoto

International Journal on Advanced Science, Engineering and Information Technology 7.3 (2017). 2017

Real time global scheduling analysis for generalized dag task upon heterogeneous machine

A. Widianjaya, D. Pramadihanto, S. Sukaridhoto

Journal of Telecommunication, Electronic and Computer Engineering 9.2-5 (2017). 2017

Performance of Implementation IBR-DTN and Batman-Adv Routing Protocol in Wireless Mesh Networks

Herman Yulianoko, Sritrusta Sukaridhoto, M Udin, Harun Al Rasyid, Nobuo Funabiki

EMITTER International Journal of Engineering Technology 3.1 (2015). 2015

Further Investigation on Building and Benchmarking A Low Power Embedded Cluster for Education

Sritrusta Sukaridhoto, Dadet Pramadihanto, Achmad Subhan KHalilullah

IPEK Journal of Proceedings Series 1 (2014) pp. 311–318. 2014

Indonesian Automatic Speech Recognition for Command Speech Controller Multimedia Player

Vivien Wardhany, Sritrusta Sukaridhoto, Amang Sudarsono

EMITTER International Journal of Engineering Technology 2.2 (2014) pp. 39–48. 2014

A fixed backoff-time switching method for CSMA/CA protocol in wireless mesh networks

Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi, Kan Watanabe, Shigeto Tajima

IEICE Transactions Communication 96.4 (2013) pp. 1019–1029. 2013

A Smart Access-Point Selection Algorithm for Scalable Wireless Mesh Networks

Nobuo Funabiki, Sritrusta Sukaridhoto, Masaharu Hata, Shigeru Tomisato, Toru Nakanishi, Kan Watanabe, Shigeto Tajima

IAENG International Journal of Computer Science 38.3 (2011) pp. 260–267. 2011

Rancang Bangun Prototipe Mesin Verifikasi Sidik Jari Portabel dengan Algoritma Phase-Only Correlation pada Embedded System

Sritrusta Sukaridhoto, Nonot Harsono

Electronic Engineering Polytechnic Institute of Surabaya (EEPIS) – Journal 12.2 (2007) pp. 35–41. 2007

Rancang Bangun Sistem Pengamanan Rumah Otomatis / Home Awareness : Aplikasi Pelaporan via SMS, Interactive-Voice-Response, dan Web-Camera Terkendali

Sritrusta Sukaridhoto, Haryadi Amran Darwito, Akuwan Saleh

Electronic Engineering Polytechnic Institute of Surabaya (EEPIS) – Journal 10.2 (2005) pp. 1–4. 2005

Development of a Computer Cluster with Embedded CPUs

Sritrusta Sukaridhoto, Yoshifumi Sasaki, Koichi Ito, Takafumi Aoki

Electronic Engineering Polytechnic Institute of Surabaya (EEPIS) – Journal (2004). 2004

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Conferences/Proceedings

Integration Head Mounted Display Device and Hand Motion Gesture Device for Virtual Reality Laboratory

Y.A. Rengganis, M. Safrodin, S. Sukaridhoto

IOP Conference Series: Materials Science and Engineering, 2018

Multi process matching depth image between stereo camera and structure sensor in real-time

R Anjarlistiawan, A A Farouq, S Sukaridhoto, R S Dewanto, D Pramadihanto

2017 International Electronics Symposium on Engineering Technology and Applications (IES-ETA), 2017

Preliminary design of mobile visual programming apps for Internet of Things applications based on Raspberry Pi 3 platform

A R A Besari, I K Wobowo, S Sukaridhoto, R Setiawan, M R Rizqullah

2017 International Electronics Symposium on Knowledge Creation and Intelligent Computing (IES-KCIC), 2017

Design and development virtual reality athletic Virtual imagery to train sprinter's concentration

M M Choiri, A Basuki, A Y Bagus, S Sukaridhoto, M Jannah

2017 International Electronics Symposium on Knowledge Creation and Intelligent Computing (IES-KCIC), 2017

Digital signature on file using biometric fingerprint with fingerprint sensor on smartphone

E Rahmawati, M Listyasari, A S Aziz, S Sukaridhoto, F A Damastuti, M M Bachtiar, A Sudarsono

2017 International Electronics Symposium on Engineering Technology and Applications (IES-ETA), 2017

True random and adjustable memory management evaluation framework with Markov chain

A S Shahab, D Pramadihanto, S Sukaridhoto, A Widianjaya

2017 International Electronics Symposium on Knowledge Creation and Intelligent Computing (IES-KCIC), 2017

Design and development of a portable low-cost COTS-based water quality monitoring system

S. Sukaridhoto, R.W. Sudiby, W. Sarinastiti, R. Dharmawan, A. Sasono, A.A. Saputra, S. Sasaki

Proceeding - 2016 International Seminar on Intelligent Technology and Its Application, ISITIA 2016: Recent Trends in Intelligent Computational Technologies for Sustainable Energy, 2017

FloW vision: Depth image enhancement by combining stereo RGB-depth sensor

S.A. Waskitho, A. Alfarouq, S. Sukaridhoto, D. Pramadihanto

2016 International Conference on Knowledge Creation and Intelligent Computing, KCIC 2016, 2017

Simple and energy efficient discrete cosine transform based image compression for simple pulse-based modulation

M A Zainuddin, S Sukaridhoto

2017 International Electronics Symposium on Engineering Technology and Applications (IES-ETA), 2017

Design and implementation of smart environment monitoring and analytics in real-time system framework based on internet of underwater things and big data

M H Berlian, T E R Sahputra, B J W Ardi, L W Dzatmika, A R A Besari, R W Sudiby, S Sukaridhoto

2016 International Electronics Symposium (IES), 2016

Preliminary design of interactive visual mobile programming on educational robot ADROIT V1

A R A Besari, S Sukaridhoto, I K Wibowo, M H Berlian, M A W Akbar, F P Yohanes Yohanie, K I Aldi Bayu

2016 International Electronics Symposium (IES), 2016

Design and Development of A Portable {Low-Cost} {COTS-based} Water Quality Monitoring System

Sritrusta Sukaridhoto, Rahardhita Sudiby, Widi Sarinastiti, Rizky Dharmawan, Atit Sasono, Ahmad Andika Saputra, Shiori Sasaki

2016 International Seminar on Intelligent Technology and Its Applications (ISITIA) (ISITIA 2016), 2016, Mataram, Indonesia

Smart presentation system using hand gestures and Indonesian speech command

V.A. Wardhany, M.H. Kurnia, S. Sukaridhoto, A. Sudarsono, D. Pramadihanto

Proceedings - 2015 International Electronics Symposium: Emerging Technology in Electronic and Information, IES 2015, 2016

FLoW head: 7 DOF mechanism for FLoW humanoid

B. Setiawan, O. Giandi, D. Pramadihanto, R.S. Dewanto, S. Sukaridhoto, A.S. Khaillullah

ICCEREC 2015 - International Conference on Control, Electronics, Renewable Energy and Communications, 2015

A Design of 3D Virtual Reality Chemical Lab with Hand Gesture Interaction for Education

Sritrusta Sukaridhoto, Juang Mahmud Hasbulloh, Prasetyo Nugroho, Lukman Hakim

The 5th Annual Basic Science International Conference 2015, 2015

-
- A design of radio-controlled submarine modification for river water quality monitoring**
Sritrusta Sukaridhoto, Dadet Pramadihanto, Taufiqurrahman, Muhammad Alif, Andrie Yuwono, Nobuo Funabiki
2015 International Seminar on Intelligent Technology and Its Applications (ISITIA), 2015
- FloW: Achieve Native Multi Threading Support for Embedded System Through Microkernel**
Adhe Widianjaya, Tito Pramudana, Dadet Pramadihanto, Sritrusta Sukaridhoto, Achmad Subhan KHalilullah
International Conference on Control, Electronics, Renewable Energy, and Communications (ICCEREC), 2015
- Secure Content Exchange in Delay Tolerant Networks Using Attribute-Based Encryption**
Amang Sudarsono, Sritrusta Sukaridhoto, Toru Nakanishi, Nobuo Funabiki
Proceeding of The 3rd Indonesian-Japanese Conference on Knowledge Creation & Intelligent Computing 2014 (KCIC2014), 2014
- Simple Interactive Projector Based on Hand Gesture Movement**
Sritrusta Sukaridhoto, Mohammad Hasbi Assidiqi, Novenda Nur Alfath Salim
The 16th International Electronics Symposium, 2014
- Development of Hand Detection and Voice Command Controller for Multimedia Player**
Vivien Wardhany, La Rayhan Haddy, Luthfia Witanti, Sritrusta Sukaridhoto, Amang Sudarsono, Artiarini Kusuma Nurindiyani, Fardani Annisa Damastuti
The 16th International Electronics Symposium, 2014
- Application Programming Interface Design of Microkernel Based Robotics Operating System**
Adhe Widianjaya, Dadet Pramadihanto, Sritrusta Sukaridhoto
The 16th International Electronics Symposium, 2014
- A Design for OpenFlow Implementation of Fixed Backoff-time Switching Method in Wireless Mesh**
Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi, Kan Watanabe
Proceedings of the Society Conference of IEICE 2013, 2013
- A fixed backoff-time switching method for wireless mesh networks: Design and Linux implementation**
Sritrusta Sukaridhoto, Nobuo Funabiki, Dadet Pramudihanto, Zainal Arief
2013 International Conference on Information Technology and Electrical Engineering (ICITEE), 2013
- Further Investigation on Building and Benchmarking A Low Power Embedded Cluster for Education**
Sritrusta Sukaridhoto, Achmad Subhan KHalilullah, Dadet Pramadihanto
Applied Technology, Science, and Arts, 2013
- An Idea of Linux Implementation of Fixed Backoff-time Switching Method for Wireless Mesh Networks**
Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi, Kan Tajima, Watanabe Shigeto
Proceedings of the Society Conference of IEICE 2012, 2012
- A Proposal of CSMA Fixed Backoff-time Switching Protocol and Its Implementation on Qual-Net Simulator for Wireless Mesh Networks**
Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi, Kan Watanabe
2012 26th International Conference on Advanced Information Networking and Applications Workshops, 2012
- A Linux Implementation Design of Fixed Backoff-time Switching Method for Wireless Mesh Networks**
Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi, Kan Watanabe, Shigeto Tajima
IEICE Technical Report NS2012-67, 2012
- An implementation of fixed backoff-time switching method on IEEE 802.11 MAC protocol for wireless Internet-access mesh network**
Nobuo Funabiki, Sritrusta Sukaridhoto, Zhe Wang, Toru Nakanishi, Kan Watanabe, Shigeto Tajima
International Workshop on Smart Info-Media Systems in Asia (SISA 2011), 2011

-
- A proposal of a traffic control method with consumed bandwidth estimation for real-time applications in wireless mesh networks**
Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi
2011 IEEE 15th International Symposium on Consumer Electronics (ISCE), 2011
- An Implementation and Evaluation of Fixed Backoff-time Switching Method on QualNet for Wireless Mesh Network**
Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi, Kan Watanabe
IEICE Technical Report NS2011-49, 2011
- Implementation Naked Object Detection on Firefox Internet Browser using Cascade of Boosted Classifiers Based on Haar-Like Features Algorithm”**
Rizqi Putri Nourma Budiarti, Mochamad Hariadi, Sritrusta Sukaridhoto, Nobuo Funabiki
The 18th Indonesian Scientific Conference in Japan, 2010
- Linux dan Implementasi Sistem Pendeteksi Gambar Porno**
Indoesian Linux Conference, 2010
- A Proposal of Traffic Control Method with Bandwidth Usage Estimation for Real-Time Applications in Wireless Mesh Networks**
Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi
IEICE Technical Report NS2010-109, 2010
- Linux dan Implementasi Sistem Pendeteksi Gambar Porno**
Sritrusta Sukaridhoto, Dadet Pramadihanto, Mochamad Hariadi, Muhammad Fatoni, Rudy Cahyadi, Rizqi Putri N B, Nobuo Funabiki
Indoesian Linux Conference, 2010
- A comparative study of open source softwares for virtualization with streaming server applications**
Sritrusta Sukaridhoto, Nobuo Funabiki, Toru Nakanishi, Dadet Pramadihanto
2009 IEEE 13th International Symposium on Consumer Electronics, 2009
- Sistem Pendeteksi Gambar Porno**
Dadet Pramadihanto, Sritrusta Sukaridhoto, Muhammad Fatoni A, Rudy Cahyadi H P
Prosiding Seminar Nasional Open Source Software ke-2, 2007
- Rancang Bangun Robot Berbasis PDA**
Proceeding Industrial electronics Seminar (IES), 2007
- Database dan Website Terdistribusi via VPN pada studi kasus Website UMPN Online**
Udin Harun Al Rasyid, Sritrusta Sukaridhoto, Ferry Hendrayana, Anggietyas Pratiwi, Zainal Abidin
Proceeding Industrial Electronics Seminar (IES), 2007
- Sistem Pendeteksi Gambar Porno**
Prosiding Seminar Nasional Open Source Software ke-2, 2007
- Implementasi Sinkronisasi Adzan Masjid**
Sritrusta Sukaridhoto
Proceedings The 8th Seminar on Intelligent Technology and Its Applications (SITIA), 2007
- Rancang Bangun Robot Berbasis PDA**
Sritrusta Sukaridhoto, Titon Dutono, Nonot Harsono, Amang Sudarsono, Akuwan Saleh, Arief Furqon, Endro Subko
Proceeding Industrial electronics Seminar (IES), 2007
- Membangun Virtual Class dengan Fitur Ajax Chating dan Ujian Online**
Sritrusta Sukaridhoto, Ahmad Zaki Wahyudi, Nonot Harsono
Prosiding Seminar Nasional Open Source Software ke-2 P2 Informatika LIPI ISSN 1978-7510 2007, 2007
- Pengendalian Model 3 Dimensi Wajah Melalui Pendeteksian dan Tracking Titik Fitur Wajah” (Facial Feature Tracking Based Template Matching on Image Sequence)**
Bitaria Citra Dewi, Zulfan Hakim, Sritrusta Sukaridhoto, Dadet Pramadihanto
Seminar Nasional Teknologi Informasi, 2006

-
- Teknik Pemetan Wilayah Secara Cepat dan Akurat Menggunakan GPS yang Dikoordinasikan Melalui Jaringan 3G atau yang Setara**
Nonot Harsono, Ahmad Subhan, Sritrusta Sukaridhoto, Amang Sudarsono
Prosiding Konferensi Nasional Teknologi Informasi dan Komunikasi Untuk Indonesia, 2006
- Rancang Bangun Portable Data-Entry Untuk Pendataan Sidik Jari Pendudukan Menggunakan Embedded System Berbasis Open-Source Dalam Rangka Implementasi E-Gov Indonesia**
Nonot Harsono, Sritrusta Sukaridhoto, Ahmad Subhan, Amang Sudarsono
Prosiding Konferensi Nasional Teknologi Informasi dan Komunikasi Untuk Indonesia, 2006
- Model Distributed-Data Processing Berbasis Open-Source Untuk Pengolahan Data Kependudukan Dalam Rangka Implementasi E-Gov Indonesia**
Nonot Harsono, Sritrusta Sukaridhoto, Ahmad Subhan, Amang Sudarsono
Prosiding Konferensi Nasional Teknologi Informasi dan Komunikasi Untuk Indonesia, 2006
- Pengendalian Model 3 Dimensi Wajah Melalui Pendeteksian dan Traking Titik Fitur Wajah**
Rosyidina Safitri, Zulfan Hakim, Sritrusta Sukaridhoto, Dadet Pramadihanto
Seminar Nasional Teknologi Informasi, 2006
- Teknik Keamanan pada VoIP dengan Virtual Private Networking dan Kriptografi Pada Jaringan Wireless LAN 802 . 11b Serta Korelasi Terhadap Bandwidth dan Intelligibility Suara**
Sritrusta Sukaridhoto, Titon Dutono, Nonot Harsono, Iwan Sarif, Zen Samsono, Deni Kurniawan
Proceedings Seminar on Intelligent Technology and Its Applications (SITIA), 2006
- Aplikasi Penjualan Tiket Berbasis Teknologi Life Like Character**
Sritrusta Sukaridhoto, Titon Dutono, Dadet Pramadihanto, Wahyudin Aziz, Zulfan Hakim, Taufik Wicaksono, Hadi Surya, Bitaria Citra Dewi, Sari Rachmawati, Rosyidina Safitri
Proceeding Industrial Electronics Seminar (IES), 2006
- Implementasi Campus Internet Prepaid berbasis Aplikasi Open-Source (studi kasus internet untuk mahasiswa di Politeknik Elektronika Negeri Surabaya)**
Sritrusta Sukaridhoto, Anang Tjahyono, Iqbal Firmansyah
The Indonesian Conference on Telecommunication (ICTEL), 2006
- Rancang Bangun Sistem Pengamanan Rumah Otomatis / Home Awareness : Aplikasi Pelaporan via SMS , Interactive-Voice-Response , dan Web-Camera Terkendali**
Sritrusta Sukaridhoto, Haryadi Darwito, Akuwan Saleh
Proceedings Industrial Electronics Seminar, 2005
- Teknik Keamanan pada VoIP dengan Virtual Private Networking dan Kriptografi Serta Korelasi Terhadap Bandwidth dan Intelligibility Suara**
Sritrusta Sukaridhoto, Titon Dutono, Nonot Harsono, Iwan Sarif, Deni Kurniawan
The Indonesian Conference on Telecommunication (ICTEL), 2005
- Pengembangan Linux Cluster dengan Menggunakan OpenMoxsix**
Idris Winarno, Iwan Syarif, Sritrusta Sukaridhoto
Seminar Nasional Teknologi Informasi, 2005
- Development of a Compact Cluster with Embedded CPUs**
Sritrusta Sukaridhoto, Yoshifumi Sasaki, Koichi Ito, Takafumi Aoki
Proceeding Industrial Electronics Seminar (IES), 2004
- Sistem Monitoring Trafik Paket Internet Melalui WAP Berbasis SNMP**
Sritrusta Sukaridhoto, Nanang Syahroni, Arief Suhardiono, Aris Nur Bawani
Seminar Nasional Teknik Indonesia, 2003
- Sistem Transmisi Informasi SMS Pada Context-Aware Devices**
Nanang Syahroni, Amang Sudarsono, Sritrusta Sukaridhoto
Proceeding Industrial Electronic Seminar (IES), 2003
- Perancangan Sistem Monitoring Paket Internet Pada Peralatan Jaringan Multi Interface**
Nanang Syahroni, Sritrusta Sukaridhoto, Arief Suhardiono, Aris Nur Bawani
Seminar Nasional Teknik Indonesia, 2003

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Books

Buku Jaringan Komputer I

Sritrusta Sukaridhoto

Politeknik Elektronika Negeri Surabaya, 2014

Jaringan Komputer Nirkabel

Sritrusta Sukaridhoto

Politeknik Elektronika Negeri Surabaya, 2009

Jaringan Komputer 2

Sritrusta Sukaridhoto

Politeknik Elektronika Negeri Surabaya, 2008

Jaringan Komputer

Sritrusta Sukaridhoto

Politeknik Elektronika Negeri Surabaya, 2005

signature

The fully truth of the details are guaranteed. With strong sense of responsibility, hands on management and communication skills. Strong loyalty and self-motivation.

regards,

Sritrusta Sukaridhoto, ST. Ph.D.