

PUBLICATION 2010

SCHOOL OF ELECTRICAL ENGINEERING AND INFORMATICS

INTERNATIONAL JOURNAL

NO	TITLES	AUTHOR	PUBLICATION
1	Closed Form Solution of Synchronous Machine Short Circuit Transients	Gibson Sianipar	ITB Journal of Engineering Science, Vol. 42, No. 1, pp 91 - 102
2	Performance Improvement of the Ceramic Outdoor Insulators Located at Highly Polluted Environment Using Room Temperature Vulcanized Silicone Rubber Coating	Fari Pratomosiwi, Suwarno	International Journal on Electrical Engineering and Informatics (IJEEI) vol. 2, no. 1, 2010
3	Simulation of Swine and Avian Influenza Viruses Recombination Based on Genetic Algorithm	Ria Lestari Moedomo, Adang Suwandi Ahmad , Adi Pancoro, Jorga Ibrahim, Muhammad Sukrisno Mardiyanto	International Journal on Electrical Engineering and Informatics (IJEEI) vol. 2, no. 2, 2010
4	Examination of Single-phase Partial Discharge Monitoring Device for Partial Discharge Diagnosis on Three-phase GIS	Umar Khayam , Shinya Ohtsuka, Masayuki Hikita, Nobuko Otaka, Takakazu Matsuyama, Yoshiki Takehara	International Journal on Electrical Engineering and Informatics (IJEEI) vol. 2, no. 3, 2010
5	Analysis and Minimization of Output Current Ripple of Multiphase Carrier-Based PWM Inverters	Pekik Argo Dahono	ITB Journal of Engineering Science. Vol. 42, No. 1, 2010, 53-64
6	A Transformation Scheme for Deriving Symmetric Watermarking Technique into Asymmetric Version	Rinaldi Munir, Bambang Riyanto, Sarwono Sutikno , Wiseto P. Agung	Global Journal of Computer Science and Technology Vol. 10 Issue 6 Ver. 1.0 July 2010 Page 83
7	Input ripple analysis of five-phase pulse width modulated inverters	P.A. Dahono , Deni, C.P. Akbarifutra, A. Rizqiwani	IET Power Electronics
8	A Modified Bow-Tie Antenna for Improved Pulse Radiation	Andrian Andaya Lestari, Endon Bharata, Andriyan Bayu Suksmo, Adit Kurniawan , Alexander G. Yarovoy, and Leo P. Ligthart	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 58, NO. 7, JULY 2010
9	Compressive Stepped-Frequency Continuous-Wave Ground-Penetrating Radar	Andriyan Bayu Suksmo, Endon Bharata , Andrian Andaya Lestari, Alexander G. Yarovoy, and Leo P. Ligthart	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, VOL. 7, NO. 4, OCTOBER 2010
10	Phase Unwrapping by Markov Chain Monte Carlo Energy Minimization	Kusworo Adi, Andriyan Bayu Suksmo, Tati Latifah Rajab , Hendra Gunawan	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, VOL. 7, NO. 4, OCTOBER 2010
11	Model and Controller Order Reduction of Infinite Dimensional Systems	Fatmawati, R. Saragih, R. Bambang, Y. Soeharyadi ,	ITB Journal of Engineering Science, Vol. 42B, No.1, 2010
12	MSB-First Interval-Bounded Variable-Precision Real-Time Arithmetic Unit	Yusriya Y. Kerloozza, Yudi S. Gondokaryono & Agus Mulyana	ITB J. ICT, Vol. 4, No. 1, 2010, 23-46
13	Refining Spectrum Fee to Increase Utilization Efficiency by Adopting ITU-R SM 2012-2 Case Study: Cellular Service in Indonesia	Ismail, Suhono H. Supangkat, Hendrawan & Basuki Y. Iskandar	ITB J. ICT, Vol. 4, No. 1, 2010, 1-22
14	Performance Evaluation of SVM-Based Information Extraction using τ Margin Values	Kuspriyanto, Oerip S Santoso, Dwi H Widyantoro, Husni S Sastramihardja , Kurnia Muludi, and Siti Maimunah	International Journal on Electrical Engineering and Informatics - Volume 2, Number 4, 2010
15	Measurement of the Quality of an FCO-IM Conceptual Data Model	Fazat Nur Azizah , Guido P. Bakema, Benhard Sitohang, Oerip S. Santoso	International Journal on Electrical Engineering and Informatics - Volume 2, Number 4, 2010
16	Partial discharge location in power cables using a phase difference method	Redy Mardiana , Charles Q. Su	IEEE Transactions on Dielectrics and Electrical Insulation, vol. 17 no. 6, pp. 1738-1746, December 2010
17	Blood Vessel Segmentation in Complex-Valued Magnetic Resonance Images with Snake Active Contour Model	Astri Handayani, Andriyan Bayu Suksmo, Tati R. Mengko	International Journal of E-Health and Medical Communications, Januari-March 2010
18	Comparative Study on the Properties of Porcelain and Epoxy Resin Insulators taken from Coastal Area in Indonesia	Waluyo, N. Sinisuka, Suwarno , Maman D.	The International Journal of Innovations in Energy Systems and Power, Vol. 5 No. 1, pp. 22-39, 2010
19	Effects of Humidity and fog conductivity on the Leakage Current Waveforms of Ceramics for Outdoor Insulators	Suwarno , Juniko P.	WSEAS Transactions on Systems, Vol. 9, Issue 4, 2010 (April 2010), pp. 442-452 SCOPUS INDEXED, 2010
20	Balanced Truncation for Unstable Infinite Dimensional Systems via Reciprocal Transformation	Fatmawati, R. Saragih, R. Bambang, Y. Soeharyadi ,	International Journal of Control, Automation and Systems (IJCAS), Vol. 9, No. 2, April, 2010

INTERNATIONAL JOURNAL

NO	TITLES	AUTHOR	PUBLICATION
21	Phase Unwrapping Using Energy Minimization Methods for MRI Phase Image	Kusworo Adi, Tati L.R. Mengko, Andriyan B. Suksmo , Hendra Setiawan	International Journal of E-Health and Medical Communications, July-September 2010, 52-58
22	Towards sharable and longitudinal medical records for e-health in Indonesia using an Australian-based openEHR standard	David Taniar, Tati Mengko, Andriyan Bayu Suksmo , Wenny Rahayu, Heather Grain, Eric Pardede, Putri Saptawati , Antonius Darma Setiawan	Australia Indonesia Covance Reserach Partnership 2010
23	The concept of Data Model Patern Based on Fully Communication	FN Azizah , Guido P Bakema, Benhard Sitohang	Journal of Information and Communication Technology, ITB
24	Leakage Current and Pollutant Properties of Porcelain Insulators from Geothermal area	Waluyo, N. Sinisuka, Suwarno , Maman DJ	Transactions on Electrical Engineering, Electronics and Communications, Vol. 8, No. 1, pp. 126-145, 2010

NATIONAL JOURNAL

NO	TITLES	AUTHOR	PUBLICATION
1	Sistem Kendali Kongesti dan Pembatasan Jumlah Penggunaan Internet	Pranoto Hiday Rusmin	Jurnal Ilmiah Teknik Komputer, Vol. 1, No. 2, 2010, ISSN: 2085-6407
2	Implementation of Polynominal - ONB I Basis Conversion	Marisa W. Paryasto, Budi Rahardjo , Intan Muchtadi Alamsyah, M. Hafiz Khusyairi	Jurnal Ilmiah Teknik Komputer, Vol. 1, No. 2, 2010, ISSN: 2085-6407
3	Pemanfaatan Sistem Analisa dan Penentu Tindakan Pemeliharaan Radar	Edith Nurhidayat, Aciek Ida Wuryandari , Arwin D. Sumari	Jurnal Ilmiah Teknik Komputer, Vol. 1, No. 1, 2010, ISSN: 2085-6407
4	Pervasive Computing and Aplikasinya	Emir M. Husni	Jurnal Ilmiah Teknik Komputer, Vol. 1, No. 1, 2010, ISSN: 2085-6407
5	Image Watermarking untuk Citra Berwarna dengan Metode Berbasis Korelasi dalam Ranah DCT	Rinaldi Munir	Jurnal Petir, vol. 3 No. 1 Januari 2010
6	Simulation of Influenza Pandemic Based on generic algorithm and agent-based modeling: A Multi-objective Optimization Problem Solving	Ria Moedomo, Adi Pancoro, Jorga Ibrahim, A Suwandi, Sukrisno Mardiyanto , M. Bahrelfi Belatiff, Hengki Tasman	Jurnal Matematika dan Sains, Vol 15, No 2, 2010
7	Simulasi Pengaruh Interaksi Layer TCP, Layer Network, dan Layer MAC untuk Meningkatkan Throughput Fairness pada Jaringan Ad-hoc Berbasis IEEE802.11	Tutun Juhana	Jurnal PPET LIPI, Oktober 2010
8	Metoda Deteksi Aneurisma Serebral dengan Analisis Kurvatur dari Citra Medis 3 Dimensi	Haryadi Prasetya, Tati L. R. Mengko, Oerip S. Santoso	Advances in Electrical Engineering and Informatics, vol. III 2010
9	Peningkatan Kapasitas Sumber Daya Manusia Dalam Penggunaan Sistem Informasi Pendidikan dan Kesehatan Terintegrasi	Chitra, Agung, Tati R Mengko , Yoke S I	AEEI, Vol. III, Desember 2010

INTERNATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
1	Design and Implementation of Vessel Cutting Simulation Using Open Framework Architecture (SOFA)	Aciek Ida Wuryandari , Gina Indriani	International Conference on Biomedical Engineering, 11th Seminar on Intelligent Technology and Its Application (SITIA) 2010, 10 Oktober 2010
2	Heartbeat Biomodeling with Pressure Change Approach for CABbaGe Simulator	Aciek Ida Wuryandari , Zakia Ltfiyani	International Conference on Biomedical Engineering, 11th Seminar on Intelligent Technology and Its Application (SITIA) 2010, 10 Oktober 2010
3	Extracting Main Content-Blocks From Blog Post	Saiful Akbar , Laura Slaughter, Oystein Nytro	International Conference on Knowledge Discovery and Information Retrieval (KDIR) 2010, 25 - 28 Oktober 2010, Valencia Spanyol
4	Numerical reconstruction of holographic microscopy images based on matching pursuits on a pair of domain	Andriyan Bayu Suksmo , Akira Hirose	The International Conference on Image Processing (ICIP) 2010, 26 - 29 September 2010, Hongkong
5	Life cycle cost analysis of operation of coal fire power plant unit #1.330 MW Indramayu, West Java, Indonesia	Ngapuli I. Sinisuka , Herry Nugraha	The 4th Asia Pasific International Symposiums on Advanced Reliability and Maintenance Modeling (APARM 2010), Wellington, New Zealand, 2 - 4 December 2010

INTERNATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
6	Study of Network Planning Based on WiMAX Technology in Seribu Island	Hardi Nusantara, Achmad Munir	International Conference on Biomedical Engineering, 11th Seminar on Intelligent Technology and Its Application (SITIA) 2010, 10 Oktober 2010
7	Two-Stage Ultra-Wideband Inverted-F Band-Stop Filter	Achmad Munir	International Conference on Biomedical Engineering, 11th Seminar on Intelligent Technology and Its Application (SITIA) 2010, 10 Oktober 2010
8	Design and Simulation of A Stepped-Frequency Continuous-Wave Radar for Trough-Wall Applications	Tommi Hariyadi, Andriyan Bayu Suksmo, Endon Bharata, Achmad Munir , Kusworo Adi	International Conference on Biomedical Engineering, 11th Seminar on Intelligent Technology and Its Application (SITIA) 2010, 10 Oktober 2010
9	Compact Dual Band Inverted-F Antenna (IFA) for 2.3GHz and 3.3GHz WiMAX Application	M. Napitupulu, Achmad Munir	4th Indonesia Japan Joint Scientific Symposium 2010, Sanur Paradise Plaza Hotel, Bali 30 Sept 2010 - 1 Oktober 2010
10	Parametrical study of Microwave Radar Absorber Loaded with Varactor Diode	Achmad Munir , L. Olivia, Chairunnisa	4th Indonesia Japan Joint Scientific Symposium 2010, Sanur Paradise Plaza Hotel, Bali 30 Sept 2010 - 1 Oktober 2010
11	Partial Discharge Recognition in Three-Phase GIS using Neural Network	Deny Hamdani, Umar Khayam, Suwarno , Masahiro Kozako, Masayuki Hikita, Nobuko Otaka, Yoshiki Takehara	International Conference on Condition Monitoring and Diagnosis 2010, 6 - 11 September, Tokyo Japan
12	Properties of Partial Discharges in Liquid Insulating Material and Computer Simulation	Suwarno , F. Prihandoyo	International Conference on Condition Monitoring and Diagnosis 2010, 6 - 11 September, Tokyo Japan
13	Extracting Topic Sentences of Indonesia Expository Paragraphs	Masayu Leylia Khodra, Dwi Hendratmo Widyantoro , E. Aminuddin Aziz, Bambang Riyanto	International MALINDO Workshop di Universitas Indonesia, 2 Agustus 2010
14	Metadata Approach in Modeling Structured Data Collection Using Object Oriented Concepts	Inggriani Liem, Fazat Nur Azizah	International Conference on Networking and Information Technology, Manila - Philipines 11 - 13 Juni 201
15	Performance of Variable Step Closed Loop Power Control in CDMA High Altitude Platforms Communication Channel	Iskandar, Adit Kurniawan , M.E. Ernawan	The 2010 IEEE 72nd Vehicular Technology Conference: VTC2010-Fall, Ottawa, Canada, 6 - 9 September 2010
16	Properties of Leakage Current on 20 kV Ceramic Insulators and Computer Simulation Based on Electrical Equivalent Circuit	Suwarno , Aditya Pradana	International Conference on Electrical and Electronics Engineering, London UK, 30 Juni - 2 Juli 2010
17	Information Grammar for Patterns (IGp) for Pattern Language of Data Model Patterns Based on Fully Communication Oriented Information Modeling (FCO-IM)	Fazat Nur Azizah , Guido P. Bakema, Benhard Sitohang, Oerip S. Santoso	The 2010 Object Role Modeling (ORM) Workshop, Kreta - Yunani, 26 - 29 Oktober 2010
18	Efficient Encoding for Hardware Implementation of IRA LDPC on 802.16 Standard	Trio Adiono , Agi Prasetiadi, Anugrah Salbiyono	The 18th International Symposium on Intelligent Signal Processing and Communications System 2010 (ISPACS2010), University of Electronic Science and Technology of China, 6 - 8 Desember 2010, Cheng Du China
19	Performance Analysis of LLR Combining HARQ for Mimo Systems in Mobile WIMAX	Rahmat Mulyawan, Fifi Nugroho, Riris Novi, Felis Dwiyasa, Trio Adiono	The 18th International Symposium on Intelligent Signal Processing and Communications System 2010 (ISPACS2010), University of Electronic Science and Technology of China, 6 - 8 Desember 2010, Cheng Du China
20	LDPC Decoder Performance Under Different Number of Iterations in Mobile Wimax	Anugrah Salbiyono, Trio Adiono	The 18th International Symposium on Intelligent Signal Processing and Communications System 2010 (ISPACS2010), University of Electronic Science and Technology of China, 6 - 8 Desember 2010, Cheng Du China
21	Introduction to Finite Time Response-HTTP: a Simplest Way to Guarantee Quality of Service of Web Application under Best Effort Network	Sinung Suakanto, Suhono Harso Supangkat, Suhardi	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
22	Varactor Diode-based Tunable Microwave Radar Absorber Composed of Hexagonal Patch Array	L. Olivia, A. Munir, A. Kurniawan, Sugihartono	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
23	Adaptive Nonlinear Active Noise Control	Bambang Riyanto , R. Yacoub	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010

INTERNATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
24	Infrared Temperature Sensor for Micro Aerial Vehicle Obstacle Avoidance Sensor	Widyawardana Adiprawita , Adieb Aryasepta Haryadi, Arief Syaichu Rochman	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
25	A Concept of Multichannel Data Acquisition System For Heart Sound and Electrocardiogram	A. Aridarma, T. L. Mengko , S. Soegijoko	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
26	The Sparsest Image Representation In Image Compression	Antonius Darma Setiawan, Andriyan Bayu Suksmo , Tati R. L. Mengko , Hendra Gunawan	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
27	E-Learning Technology with Scalable Video on Demand (VoD) System Using Adaptive Internet Based Distribution Method Over The Internet	Fitria Badrujalil, Ary Setijadi Prihatmanto , Arief Syaichu Rohman	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
28	Simulation of EKF-Based SLAM for Autonomous Mobile Robot Navigation	Gandhi Firmansyah Putra, Kusprasapta Mutijarsa	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
29	DESIGN AND IMPLEMENTATION OF INTERACTIVE E-LEARNING USING ANIMATION AND GAME (at SD, SMP and SMA)	Beni Aminullah, Mirna Yuliarti, Sri Sulastri, Aciek Ida Wuryandari , Arief Syaichu Rohman	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
30	FOUR-STROKE ENGINE SIMULATION (Interactive 3D Four-Stroke Engine Learning Simulator Software)	Dani Hidayatuloh, R Dudi Rudiantna, Lina, Ary Setijadi Prihatmanto	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
31	ARTIFICIAL INTELLIGENCE FRAMEWORK IN ROBOSOCCER (Developing Strategy and Attributes of Agent Based on Dream Team FIFA Players 2010)	A. R.Priyo Hartono Adji, B. Galih Hermawan, Ary Setijadi Prihatmanto	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
32	Effect of Temperature on Dielectric Properties of Palm Oil as A Candidat of Insulating Liquid and It's Comparison with Mineral Oil and Biotemp Oil	Abdul Rajab, Aminuddin, S., Suwarno	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
33	The Disadvantages of Weighting Factor Method for Power Transformer Condition Assessment	Henny Ika Septyani, Suwarno , M. Nurdin , Arief Syaichu Rohman	2010 AOTULE Postgraduate Conference, Institut Teknologi Bandung, 1 - 2 November 2010
34	Designing Information Technology Strategic Plan Using COBIT Framework V. 4.1 For BHMNN Universities Case Study: Institute of Technology Bandung	R. Edi Triono N, Jaka Sembiring , Sukirno (Alm), Widyawardana	The 3rd International Conference on Chief Information Officer, Institut Teknologi Bandung, 5 - 7 Mei 2010
35	Guideline of Single Portal Planning for Laboratory Information Management	Tinton Dwi Atmaja, Albarda	The 3rd International Conference on Chief Information Officer, Institut Teknologi Bandung, 5 - 7 Mei 2010
36	ICT Services Business Model for Agriculture and Rural Development	Nanang Ismail, Suhono H. Supangkat , Yusep Rosmansyah , Yassierli	The 3rd International Conference on Chief Information Officer, Institut Teknologi Bandung, 5 - 7 Mei 2010
37	Knowledge-Based Security Risk Management	Basuki Rahmad, Suhono H. Supangkat , Jaka Sembiring , Kridanto Surendro	The 3rd International Conference on Chief Information Officer, Institut Teknologi Bandung, 5 - 7 Mei 2010
38	Review of e-Government Investment Valuation: A Survey	Alfira Sofia, Arry Akhmad Arman	The 3rd International Conference on Chief Information Officer, Institut Teknologi Bandung, 5 - 7 Mei 2010
39	Smart Business Network : Conceptual Approaches to Rural Information and Communication Technology Development	Herry Irawan, Suhardi	The 3rd International Conference on Chief Information Officer, Institut Teknologi Bandung, 5 - 7 Mei 2010
40	A New Reformulated Simplified IBM Algorithm and Architecture for High Performance BCH Decoder	Kevin Jonathan, Albert Rizaldi, Taufiq H. Tawab, Trio Adiono	LSI Design Contest 2010, Okinawa, 19 Maret 2010
41	Ultra Fast and Efficient BCH CoDec Using Independencies Feature on Inverse Error Locator Polynomi	Ardian Eko Handoko, M. Hamka Ibrahim, Agi Prasetiadi, Trio Adiono	LSI Design Contest 2010, Okinawa, 19 Maret 2010
42	Study of Non Factoid Question Answering System for Bahasa Indonesia	Ayu Purwarianti , Novi Yusliani	International Conference on Advanced Computer Science and Informatics, Bali, 20 - 21 November 2010
43	Numerical Investigation of Characteristic of BTS Tower Antenna Camouflage Material	Achmad Munir , Mangasi Napitupulu, Denny Seatiawan	5th Electrical Power, Electronics, Communication, Control and Informatics Seminar 2010, Universitas Brawijaya, Malang, 16-17 Desember 2010
44	Design of 4.2 GHz Gain Collinear Antenna for CMOV/COMOB Application	Rudi Ernanto, Achmad Munir	5th Electrical Power, Electronics, Communication, Control and Informatics Seminar 2010, Universitas Brawijaya, Malang, 16-17 Desember 2010
45	Object Recognition System Based on Local Feature with Nearest Neighbour Search	Ary Setijadi P. , Pranoto Hidayat Rusmin , Karlina Khiyarin Nisa	Japan Joint Scientific Symposium 2010 (IJSS 2010), Bali, 29 - 30 September 2010

INTERNATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
46	Analysis of step-tapered transition to solve impedance matching problem in parallel-plate waveguide	A. E. Prasetiadi, Sugihartono, A. Munir	Indonesia-Malaysia Microwave Antenna Conference (IMMAC) 2010 Proc., Jakarta, Indonesia, Jun. 2010. (11 – 12 Juni 2010)
47	Analysis of dielectric material property based on rectangular waveguide method	M. R. Effendi, Chairunnisa and A. Munir	11th Seminar of Intelligent Technology and Its Application (SITIA) 2010 Proc., pp. 486-490, Surabaya, Indonesia, Oct. 2010. (9 Oktober 2010)
48	Characterization of two-stage ultra-wideband BPF based on inverted-F structure	Achmad Munir	11th Seminar of Intelligent Technology and Its Application (SITIA) 2010 Proc., pp. 678-681, Surabaya, Indonesia, Oct. 2010. (9 Oktober 2010)
49	Printed dipole antenna with Marchand balun for 3.3 GHz WiMAX application	S. Aviолanda, E. Bharata, Achmad Munir	Indonesia-Malaysia Microwave Antenna Conference (IMMAC) 2010 Proc., Jakarta, Indonesia, Jun. 2010. (11 – 12 Juni 2010)
50	Investigation of arms dimension of 50 – 5000 MHz UWB printed octopus-type antenna for SFCW GPR application	R. BVB Simorangkir, A. Munir	Indonesia-Malaysia Microwave Antenna Conference (IMMAC) 2010 Proc., Jakarta, Indonesia, Jun. 2010. (11 – 12 Juni 2010)
51	Study on microstrip patch antenna based on metamaterials	Sutinah and Achmad Munir	Indonesia-Malaysia Microwave Antenna Conference (IMMAC) 2010 Proc., Jakarta, Indonesia, Jun. 2010. (11 – 12 Juni 2010)
52	Normal mode bifilar helical antenna for 3.3 GHz WiMAX application	Hermanto and Achmad Munir	Indonesia-Malaysia Microwave Antenna Conference (IMMAC) 2010 Proc., Jakarta, Indonesia, Jun. 2010. (11 – 12 Juni 2010)
53	2.4GHz antenna system with signal autotracking for rural area application	G. M. Aji and Achmad Munir	Indonesia-Malaysia Microwave Antenna Conference (IMMAC) 2010 Proc., Jakarta, Indonesia, Jun. 2010. (11 – 12 Juni 2010)
54	Characterization of unit cell element of planar microstrip reflectarray antenna based on AMC	D. Natasia, D. Mandaris, Iskandar and A. Munir,	Indonesia-Malaysia Microwave Antenna Conference (IMMAC) 2010 Proc., Jakarta, Indonesia, Jun. 2010. (11 – 12 Juni 2010)
55	Characterization of microwave thin radar absorber composed of hexagonal patch array	L. Olivia, F. Kurniasih and Achmad Munir	28th Progress In Electromagnetics Research Symposium (PIERS) 2010 Proc., Cambridge, USA, Jul. 2010. (5 – 8 Juli 2010)
56	Rain fade modelling using hidden Markov model for tropical area	B. Maruddani, A. Kurniawan, Sugihartono and A. Munir	28th Progress In Electromagnetics Research Symposium (PIERS) 2010 Proc., Cambridge, USA, Jun. 2010. (5 – 8 Juli 2010)
57	Bayesian Network and Minimax Algorithm in Big2 Card Game	Nur Ulfa Maulidevi, Hengky Budiman	International Conference on Soft Computing, Intelligent System and Information Technology 2010, Bali 1 - 2 Juli 2010
58	HMM Based Part-of-Speech Tagger for Bahasa Indonesia	Alfan Farizki Wicaksono, Ayu Purwarianti	Proceeding of the Fourth International MALINDO Workshop (MALINDO2010). Agustus 2010. Jakarta, Indonesia
59	Implementation of Indonesian Real Time Speech Dictation Application	Hari Bagus Firdaus, Ayu Purwarianti	Proceeding of ICACSIS (International Conference on Computer Science and Information System) 2010. November 2010. Bali, Indonesia
60	Development of Lightning Detector Circuit for Warning System	Redy Mardiana and Aris Wibawa	in 15 th Asian Conference on Electrical Discharge, Xi'an - China, 2010
61	Single-end partial discharge location in power cables based on phase difference method	Redy Mardiana and Charles Q. Su	in 15 th Asian Conference on Electrical Discharge, Xi'an - China, 2010
62	Two-end partial discharge locating system for power cables based on phase difference method	Redy Mardiana and Charles Q. Su	in International Conference on High Voltage Engineering and Application, New Orleans, USA, 2010
63	Lightning Protection of Distribution System Model and Evaluation	Ngapuli I. Sinisuka, M.P. Marbun	CIGRE 4C Colloquium on Lightning and Power System, Kuala Lumpur, 16-19 May, 2010
64	Characteristics of Leakage Current on Epoxy Resin Insulators: Non Linear Behaviour	Suwarno, Daniel D. P.	15th Asian Conference on Electrical Discharge, November 7 - 10, 2010, Xi'an - China
65	Frequency response Analysis (FRA) for Diagnosis of Power Transformers	Suwarno, Donald F	7th Int. Conference IEEE ECTICON 2010, Chiang Mai, Thailand, May 2010-09-29 Scopus Indexed
66	Phase-resolved Measurement, Analysis, Modeling and Simulation of Partial Discharges: A Holistic Approach	Suwarno	15th Asian Conference on Electrical Discharge (ACED), Xian China, 7-10 November 2010
67	Experiences in Implementing General-Purpose Applications on CUDA	Achmad Imam Kistijantoro	The First International Conference on Green Computing, IGGC-RCICT 2010, Yogyakarta, Maret 2010

INTERNATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
68	A Model and Computer Simulation of Partial Discharges in High Voltage Liquid Insulation	Suwarno	4th Asia International Conference on Modeling and Simulation AMS 2010, IEEE Computer Society, Kota Kinabalu, Malaysia 26 - 28 Mei 2010
69	Player's Score Achievement Schema Using Combination of Experience Point And Educational-Credit In Hajjgame	Ardhian Agung Y., Arief Syaichu, Aciek Ida W.	The 3rd International Conference on Information and Communication Technology for the Muslim World (ICT4M) 2010, Jakarta Desember 2010
70	In-Situ Performance Example of Lightning Protection System	Sylvain Fauveaux, Reynaldo Zoro , Bernard Thirion	International Conference on Grounding and Earthing and 4th The International Conference on Lightning Physics and Effects, Salvador, Brazil, November 2010
71	The Performance of Lightning Protection System on 275 KV Transmission Lines Siguragura - KualaTanjung North Sumatera, Indonesia	Reynaldo Zoro , Fri Murdiya	
72	System Identification of Secondary Path in ANC using Combined FIR and Functional Link Artificial Neural Network	R. Y. Redi and Riyanto T. Bambang	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
73	Comparison of Closed-Loop Systems Performance Using Low-Order Controllers via Model Reduction: Heat Conduction Case	Fatmawati, Riyanto T. Bambang	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
74	Dynamic Modeling and Simulation of UAV (Unmanned Aerial Vehicle) Octorotor	Taufiq Hilal Tawab, Riyanto T. Bambang, Widyawardana Adiprawita	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
75	Development of Hardware-in-the-Loop Simulation for Visual Target Tracking of Octorotor UAV	Ryan Triadhitama, Riyanto T. Bambang, Widyawardana Adiprawita , Artiko Wibowo	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
76	Dynamic System Identification of Unmanned Air Vehicle Octorotor Helicopter	Noviyantoro sadewo, Bambang Riyanto Trilaksono, and Widyawardana Adiprawita	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
77	Output feedback controller for dissipative networked control systems via markovian jump system approach	Asep Najmurokhman, Bambang Riyanto, Arief Syaichu-Rohman , and Romeo Ortega	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
78	H-infinity Control of Nonlinear Polynomial Fuzzy Systems: A Sum of Squares Approach	Wibowo S. Bomo and Riyanto T. Bambang	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
79	Subspace LPV Identification of Secondary Reforming Process	Listyanto Adinugroho, Bambang Riyanto	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
80	Finite Energy Coverage Control with Limited Range Anisotropic Sensor for Mobile Sensor Networks	Risvan Dirza, Takeshi Hatanaka, Masayuki Fujita and Bambang Riyanto.T	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
81	Fixed Wing Unmanned Aerial Vehicle (UAV) Control Systems Design using Robust Guaranteed Cost Control Based PID Controller	Endra Joelianto, Cordova, and W. Adiprawita	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
82	Development of Obstacle Avoidance Sensor form Micro Aerial Vehicle Based on Infrared Temperature Sensor	Widyawardana Adiprawita , Adieb Aryasepta Haryadi, Arief Syaichu Rochman	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
83	DEVELOPMENT OF SEA GLIDER AUTONOMOUS UNDERWATER VEHICLE (SG-AUVITB) FOR MARINE EXPLORATION AND MONITORING	FAISAL SAGALA, RIYANTO BAMBANG	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
84	DESIGN AND CONSTRUCTION OF ROTATING ULTRA-SONIC RANGING DEVICE FOR ENVIRONMENTAL SENSING	Aradya Dipta Nandaviri, Kusprasapta Mutijarsa, Widyawardana Adiprawita	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
85	Octorotor UAV for Visual Target Tracking	Riyanto T. Bambang, Widyawardana Adiprawita , Rusdiana Hakim, Noviantoro Sadewo, Ryan Triadhitama, Reza Syahrizal Talfah, Pradithya Aria Pura, Edi Sofyan	International Conference on Intelligent Unmanned Systems, Bali, November 3-5, 2010
86	Effect of HPAS Movement on the Performance of Downlink Power Control CDMA System	Iskandar, K. Z. Arief	10th The International Conference on Information Science, Signal Processing and their Applications (ISSPA) 2010
87	Feature Level Fusion of Speech and Face Image Based Person Identification	Gunawan Sugiarta, R. Bambang, Hendrawan, Suhardi	2nd International Conf. on Computer Engineering Applications, ICEAA 2010
88	A pattern language of conceptual data model patterns based on FCO_IM	FN Azizah , Guido P Bakema, Benhard Sitohang	International Arab Conference on Information Technology (ACII), Benghazi, Lybia, July 2010

INTERNATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
89	Collecting health related text from patient health writings	Saiful Akbar	2 nd International Conference, Computer and Automation Engineering (ICCAE), March 2010
90	Why better industrial / academic links are needed if there is to be an effective software engineering workforce	Inggriani Liem	23 rd International Conference on Software Engineering Education and Training (CSEE&T) 2020, March 2010
91	Implementation of Centralised Electronic Health Record Data Centre based on OpenEHR in Indonesia.	C.H. Ayuningtyas, G.A.P. Saptawati, T.R. Mengko	BME Days 2010, Surabaya, 2010. 9-10 Oktober 2010
92	General Mapping Tool for Exchanging Electronic Health Records	C.H. Ayuningtyas, G.A.P. Saptawati, T.R. Mengko. A	BME Days 2010, Surabaya, 2010. 9-10 Oktober 2010
93	Color Retinal Image Compression using Adaptive Vector Quantization	Agung Wahyu Setiawan, Tati R Mengko	BME Days 2010, Surabaya, 2010. 9-10 Oktober 2010
94	Development of Off-axis Digital Holographic Microscope Using Laser Diode	Ade D. A. Novrianto., Tati R Mengko	BME Days 2010, Surabaya, 2010. 9-10 Oktober 2010
95	Delay Tolerant Network Utilizing Train for News Portal and Email Services	Emir Mauludi Husni	The 3rd International Conference on Information and Communication Technology for the Muslim World (ICT4M) 2010, Jakarta, Desember 2010
96	Load current control for 3 phase power converter SVPWM with current regulation (accepted)	Hari Sutiksno, M fadel, Y. Haroen, M Ashari, M.H Purnomo	IEEE, EPE –PEMC Ohrid Republic Macedonia, Sept 2010
97	Direct Power control with hybride approach for power active filter application (submitted belum ada konfirmasi accepted)	Tridesmana, M. Fadel, Ana Llor, Y. Haroen, P.A Dahono	IECON 10 IEEE, Glendale USA, Nov 2010
98	Q Learning as a Reinforcement Learning Nethod un Emotion Driven Agent	Stevie Giovanni, Nur Ulfa Maulidevi	Seminar on Intelligent Technology ad Its Application, Oktober 2010
99	A High Speed MIPS Processo Achietecture with Minimm Flush Rate ad zero Stall	Trio Adiono	3rd AUN/SEED-Net Regional Cnfrnce Manila, Philipina, 08-09 September 2010
100	Ultra –Fast-Scalable BCH Decoder with Efficient- Extended fast Chien Search	Trio Adiono	ICCIT 2010, University of Electronic Science and Technology of China, China, -10 juli 2010
101	Development of ST-Segment Interpretation Software for Myocardial Ischemia and Infarction using Artificial Neural Network Multilayer Preceptron	Aulia Arif Iskandar, Judojono Kartidjo, Tati L.R. Mengko	BME Days 2010, Surabaya, 2010. 9-10 Oktober 2010
102	Color retina Image coding based on entropy-constrained vector quantization	Agung Wahyu Setiawan, Tati R Mengko	Singapore, Second International Conference on Digital Image Processing, 26-28 Feb 2010
103	Feature based registration of thorax x-ray images for lung disease diagnosis	R.P. Nugroho, Astri Handayani, Tati R. Mengko	Singapore, Second International Conference on Digital Image Processing, 26-28 Feb 2010
104	Two Video Synchronization And Three Dimensional Reconstruction for Human Gait Viewing	Vijai N., Tati L.R. Mengko, T. Apriantono	BME Days 2010, Surabaya, 9-10 Oktober 2010.
105	Medical Imaging & Image Processing; Global Trends and Current Research	Tati R Mengko	8th SEACOMP Conferencel, 11 des 2010, Bandung

NATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
1	Penggunaan Moodle Untuk Knowledge Management System	Ayu Purwarianti, Masayu Lelia Khodra, Nur Ulfa Maulidevi, R. Aditya, Lovinta Happy Atrinawati	Konferensi Nasional Sistem Informasi 2010, Palembang, 22 - 23 Januari 2010
2	Grafotes Otomatis dengan memanfaatkan pemrosesan citra dan fuzzy logic	Nur Ulfa Maulidevi, Imaduddin Amin	Konferensi Nasional Sistem Informasi 2010, Palembang, 22 - 23 Januari 2010
3	Peringkasan Teks Otomatis Bahasa Indonesia dengan Support Vector Machine Classifier	Masayu Leylia Khodra, Arga Dinata	Konferensi Nasional Sistem Informasi 2010, Palembang, 22 - 23 Januari 2010
4	Klasifikasi Teks untuk Ekstraksi Kalimat Utama Paragraf	Masayu Leylia Khodra, Dwi Hendratmo, Bambang Riyanto	Konferensi Nasional Sistem Informasi 2010, Palembang, 22 - 23 Januari 2010
5	Simulasi Pangaruh Interaksi Layer TCP, Layer Network, dan Layer MAC untuk meningkatkan Throughput Fairness pada Jaringan Ad-Hoc Berbasis IEEE802.11	Tutun Juhana	Seminar Radar Nasional IV 2010, 28-29 April di AAU Yogyakarta
6	Analisa Numerik Karakteristik Refleksi dan Transmisi dari Material Artificial Dielectric	Achmad Munir	Seminar Radar Nasional IV 2010, 28-29 April di AAU Yogyakarta

NATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
7	Pengembangan Teknik De-embedding untuk Pengolahan Data Karakterisasi Material Microwave Radar Absorber	Achmad Munir, Sugihartono	Seminar Radar Nasional IV 2010, 28-29 April di AAU Yogyakarta
8	Perancangan dan Implementasi Antena Payload telemetry/GPS Conformal pada Sistem Roket LAPAN RX-420	Joko Suryana, Herma Yudhi Irwanto	Seminar Radar Nasional IV 2010, 28-29 April di AAU Yogyakarta
9	Perancangan dan Optimasi Antena UWB Dispersi Minimum dengan Algoritma Genetika dan Metoda Momen	Joko Suryana	Seminar Radar Nasional IV 2010, 28-29 April di AAU Yogyakarta
10	Pembelajaran pada Sistem Berpengetahuan Tumbuh: Emulasi Cara Manusia Berpikir	Arwin Wahyudi Sumari, Adang Suwandi Ahmad, Aciek Ida Wuryandari, Jaka Sembiring	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
11	Pemodelan dan Simulasi Penyebaran Pandemi Influenza: Aspek Internal dan Eksternal	Ria L. Moedomo, Adang Suwandi Ahmad, Adi Pancoro, Arwin D. Sumari, Jorga Ibrahim	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
12	Aplikasi Filtering dalam Model Bisnis Kupon Diskon	Aristianto, Dwi H. Widyantoro	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
13	Pemberian Rekomendasi Layanan Belanja Online	Ade Romadhony, Dwi H. Widyantoro	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
14	Implementasi Teknik Collaborative Filtering dan Content Based Filtering pada Recommender System Akademik	Ema Rachmawati, Dwi H. Widyantoro	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
15	Pemeriksaan Urutan Hafalan Al-Quran Memanfaatkan Pengenalan Suara Otomatis	Mira Muliati, Ayu Purwarianti	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
16	Sistem Pengenalan Wajah dengan Menggunakan Transformasi Wavelet Diskrit dan Support Vector Machine	Medison Agustinus, Arry Akhmad Arman, Bambang Riyanto Trilaksono	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
17	Pengenalan Sidik Jari dengan Menggunakan Algoritma Pencocokan String Boyer-Moore	Amir Muntaha, Rinaldi Munir	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
18	Feature Selection for Automatic Classification of Sentences in Scientific Text	Renny Pradina K., Bambang Riyanto Trilaksono, Masayu Leylia Khodra	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
19	Konstruksi Koleksi Kalimat Utama Paragraf	Masayu Leylia Khodra, Dwi H. Widyantoro, E. Aminuddin Aziz, Bambang Riyanto Trilaksono	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
20	Evaluasi Otomatis Jawaban Persoalan Matematika	Unggul Satrio Respationo, Ayu Purwarianti	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
21	Pemanfaatan Multi-Agen dalam Pencarian Rute Terpendek pada Labirin	Donie, Nur Ulfa Maulidevi	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
22	Pembangunan Sistem Berbasis Pengetahuan untuk Penentuan Paleobatimetri	Bofandra, Nur Ulfa Maulidevi	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
23	Perkembangan dalam Bidang Pencarian Berbasis Konten	Gede Indrawan, Benhard Sitohang	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
24	Simulasi Fenomena Perubahan Wujud Zat Berbasis Model Partikel dengan Metode Smoothed Particle Hydrodynamic	Teguh Budi Wicaksono, Iping Supriana Suwardi	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
25	Studi Perbandingan Metode Kompresi Citra 32x32 blok DCT dan JPEG 2000	Andreas Parry Lietara, Dwi Hendratmo Widyantoro	Konferensi Nasional Informatika 2010, Institut Teknologi Bandung, 11 Oktober 2010
26	Rancangan dan Implementasi Simulasi Usaha Kos pada Game Juragan Kos	Kadek Surya Pranata, Aciek Ida Wuryandari, Agung Harsoyo, Arief Syaichu Rohman	11th Seminar on Intelligent Technology and Its Applications (SITIA 2010), Institut Teknologi Sepuluh November, 10 Oktober 2010
27	Desain dan Implementasi Rute Pengambilan Sampah ke TPS pada Game Kalpataru	Tenia Wahyuningrum, Aciek Ida Wuryandari, Agung Harsoyo, Pranoto H. Rusmin	11th Seminar on Intelligent Technology and Its Applications (SITIA 2010), Institut Teknologi Sepuluh November, 10 Oktober 2010
28	Desain Sistem Komunikasi E-Mail Yang Aman Untuk Piranti Mobile Berbasis Brew	Raidun, Yusep Rosmansyah	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung

NATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
29	Alternatif Pembagian Kelas Kata (Part of Speech) Bahasa Indonesia untuk Proses Penterjemahan Secara Otomatis	Herry Sujaini, Kuspriyanto, Arry Ahmad Arman	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
30	Estimasi dan Kompensasi Efek I/Q Imbalance pada DVB-T	Alfath Akbar Harahap, Trio Adiono	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
31	Parsing Berkas OpenDocument Format pada Implementasi Zend Search Lucene	Andreas Yulius Nugroho, Yoanes Bandung, Armein Z. R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
32	DESAIN INTEROPERABILITAS UNTUK SISTEM PELAYANAN PUBLIK PADA PEMERINTAHAN DENGAN SERVICE ORIENTED ARCHITECTURE (Studi Kasus : Kantor Pelayanan Perizinan Terpadu Kota Cimahi)	Bambang Supriyadi, Suhono H. Supangkat, Jaka Sembiring	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
33	Optimasi Penggunaan Informasi untuk Business Benefits Menggunakan Pensejajaran Framework COBIT dan ITIL	Tinton Dwi Atmaja, Albarda	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
34	Implementasi Algoritma Particle Swarm Optimization untuk Penentuan Posisi Optimum Router-router Campus-wide WMN	Santika W.P., Carmadi Machbub, Adi Indrayanto, Iping Supriana Suwardi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
35	Integrated Audio/VideoPerformance Test Tool Untuk Mengevaluasi Kualitas Layanan Multimedia Internet	Claudio Franciscus, Yoanes Bandung, Armein Z.R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
36	Knowledge Sharing System Berbasis Perangkat Mobile untuk Komunitas Pertanian	Husni Mubarak, Yusep Rosmansyah, Nanang Ismail, Rio Yunanto	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
37	Implementasi Interoperabilitas Antar Aplikasi Dengan Service Oriented Architecture	Rafika Kurnia Dewi, Jaka Sembiring	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
38	Layanan Kelas Virtual dengan Multimedia Streaming untuk Mendukung Digital Learning Pedesaan: Studi Kasus Keerom Papua	Bryan Yonathan, Aditya Arie Nugraha, Yoanes Bandung, Armein Z.R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
39	Teknologi WiFi untuk Jaringan Digital Learning Pedesaan di Keerom-Papua	Yoanes Bandung, Armein Z.R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
40	Rancangan Virtual Class Box 2.0 Untuk Mendukung Digital Learning Pedesaan	Adrian Dwiananto, Yoanes Bandung, Armein Z. R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
41	System Engineering Pada Identifikasi Elemen Sistem Transportasi Cerdas (Studi Kasus: Kota Bandung)	Aam Muharam, Armein Z.R. Langi, Albarda	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
42	Kajian Sistem Informasi Pertanian Bebas Peta Dengan Petani Sebagai Pembangkit Informasi	Rio Yunanto, Yusep Rosmansyah, Nanang Ismail, Husni Mubarak	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>
43	Pengembangan Model Pengukuran Kesesuaian dan Pemanfaatan KKP Elektronik (e-KKP) (Studi Kasus Di BPK-RI)	Y. Wahyu Sukmono Jati, Albarda	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010. <u>Bandung</u>

NATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
44	PENGARUH IMPLEMENTASI TEKNOLOGI INFORMASI DAN KOMUNIKASI DI PEMERINTAH DAERAH TERHADAP PENERIMAAN PENGHASILAN ASLI DAERAH (Studi Kasus : Kabupaten Sragen)	Adhi Zulkifli, Suhardi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
45	PERANCANGAN KEBIJAKAN PENERAPAN e-LEARNING MENGGUNAKAN VAL IT FRAMEWORK 2.0 BERDASARKAN MODEL PERBEDAAN TRIANGULASI (Studi Kasus : PT PLN (Persero))	Afifi, Jaka Sembiring	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
46	Perancangan Sistem Monitoring Jaringan Wireless Pedesaan Berbasis Web	Dwi Ramadhianto Irawan, Yoanes Bandung, Armein Z.R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
47	PERANCANGAN FRAMEWORK PENGUKURAN KINERJA TATA KELOLA TEKNOLOGI INFORMASI DAN KOMUNIKASI UNTUK PEMERINTAH KABUPATEN/KOTA (STUDI KASUS : PEMERINTAH KOTA CIREBON)	Dodi Solihudin, Suhardi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
48	Pengembangan Model Rekeyasa Trafik untuk Manajemen Jaringan dan Manajemen Pendapatan	Sinung Suakanto, Suhardi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
49	PENGEMBANGAN MODEL USER ACCEPTANCE APLIKASI KPPN PERCONTOHAN (Studi Kasus KPPN di Wilayah DKI Jakarta)	Isnain Fikriansyah, Albarda	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
50	PERANCANGAN DAN PENGEMBANGAN NATURAL LANGUAGE PROCESSING (NLP) DAN VIRTUAL TUTOR	Ferdinand Aruan, Kuspriyanto, Ary Setijadi Prihatmanto, Hilwadi Hindersyah	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
51	Perancangan Sistem Manajemen Bandwidth Berbasis Web untuk Jaringan Digital Learning Pedesaan	Adhi Setyo Santoso, Dwi Ramadhianto Irawan, Bryan Yonathan, Aditya Arie Nugraha, Yoanes Bandung, Armein Z.R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
52	PERANCANGAN KEBIJAKAN PENERAPAN E-COMMERCE LISTRIK PRABAYAR MENGGUNAKAN COBIT FRAMEWORK V 4.1 Studi Kasus : PT PLN (Persero) Distribusi Jawa Barat dan Banten	Faisal Risa, Jaka Sembiring	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
53	PENGUKURAN KINERJA PROTOKOL THIN CLIENT PADA JARINGAN INTERNET DENGAN KAPASITAS TERBATAS	Hendro Agus Santoso, Herry Sitepu, Armein Z.R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
54	Sistem Rekomendasi (Recommender System) dalam Distribusi Padi Pasca Panen Berbasis GAPOKTAN	Nanang Ismail, Suhono H. Supangkat, Yusep Rosmansyah, Yassierli	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
55	Tantangan dalam Implementasi Layanan Digital Learning Pedesaan: Studi Kasus Jaringan Testbed Keerom-Papua	Aditya Arie Nugraha, Bryan Yonathan, Yoanes Bandung, Armein Z. R. Langi	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
56	Perencanaan Virtual – Lab untuk Layanan E-learning di Daerah Pedesaan	Kristian Ismail, Armein Z.R. Langi, Albarda	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
57	STUDI DAN PERANCANGAN KUALIFIKASI AUDITOR BERBASIS KOMPETENSI DALAM PELAKSANAAN AUDIT SISTEM INFORMASI (Studi Kasus di BPK-RI)	Riza Hermawan, Joko Siswanto, Albarda	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
58	Perencanaan Knowledge Portal Pelaksanaan Proyek Integrasi Perangkat TI	Albarda	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
59	Portal Kantor Digital	Albarda	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung

NATIONAL CONFERENCE

NO	TITLES	AUTHOR	PUBLICATION
60	Perancangan Sistem Produk Layanan Komunitas Guru Belajar untuk Sekolah Dasar di Pedesaan	Yoanes Bandung , Aditya Arie Nugraha, Bryan Yonathan, Armein Z. R. Langi, G. A. Putri Saptawati, Dwi Hendratmo W. , Agus Fany, Liliarsari	e-Indonesia Initiative 2010 (eII2010) Konferensi dan Temu Nasional Teknologi Informasi dan Komunikasi untuk Indonesia, 5-7 Mei 2010, Bandung
61	Analisa karakteristik patch heksagonal pada beberapa jenis substrat dielektrik yang berbeda untuk aplikasi microwave radar absorber	F. Kurniasih, A. Munir	Prosiding Seminar Radar Nasional (SRN) IV 2010, Yogyakarta, Indonesia, Apr. 2010. (28 – 29 April 2010)
62	Antena mikrostrip pita lebar bentuk “T” untuk aplikasi radar penembus dinding	T. Hariadi, A. Munir, E. Bharata, A. B. Suksmo , K. Adi, A. D. Setiawan dan D. Danudirdjo	Prosiding Seminar Radar Nasional (SRN) IV 2010, Yogyakarta, Indonesia, Apr. 2010. (28 – 29 April 2010)
63	Pemodelan Kanal Fading Hujan untuk Aplikasi Radar Ka-band dengan Model Markov Tersembunyi	B. Maruddani, Adit Kurniawan, Sugihartono, Achmad Munir	Prosiding Seminar Radar Nasional (SRN) IV 2010, Yogyakarta, Indonesia, Apr. 2010. (28 – 29 April 2010)
64	PENCARIAN BERBASIS KONTEN: STUDI KASUS SISTEM IDENTIFIKASI OTOMATIS SIDIK JARI	Gede Indrawan, Hery Heryanto, Benhard Sitohang	Prosiding Konferensi Nasional Teknologi Informasi dan Komunikasi Universitas Kristen Duta Wacana 2010, ISBN: 978-602-95792-0-8
65	Pengukuran Model Propagasi Outdoor dan Indoor Sistem WiMAX 2.3GHz di Lingkungan Kampus ITB	Arsyad Ramadhan Darlis, Trasma Yunita, Joko Suryana	Seminar RADAR Nasional (SRN IV) , AAU Yogyakarta. 28-29 April 2010
66	PENGUKURAN KANAL PROPAGASI 3.9G PADA FREKUENSI 700, 1700, 2000 MHZ DI LINGKUNGAN OUTDOOR ITB	Sinung Tegar, Henry Andrian, Nomarhinta Solihah, Joko Suryana	Seminar RADAR Nasional (SRN IV) , AAU Yogyakarta. 28-29 April 2010
67	Konsep dan Desain Sistem Pemantauan Jarak Jauh berbasis Mikrokontroller ARM Cortex Pada Radar Plessey AR 325 Commander	Moh. Arif Sarony, Yudi Satria Gondokaryono , Arwin Datumaya Wahyudi Sumari	Seminar RADAR Nasional (SRN IV) , AAU Yogyakarta. 28-29 April 2010
68	Penggunaan Teknologi Web Semantik pada Kamus Bahasa Daerah	Adi Mulyanto, Yani Widyani , Dingding, Haerudin	Seminar Internasional Hari Bahasa Ibu, Bandung, 19 – 20 Februari 2010
69	Pembangunan Metadata dalam Sistem Kebencanaan DIMaS	Hira Laksmiwati, Fazat Nur Azizah	Seminar Pengembangan Sistem Informasi Kebencanaan, TDMRC Aceh, 14 April 2010
70	Deteksi Code Smell pada kode program dalam representasi AST dengan pendekatan by rules	Inggriani Liem	Prosiding Seminar Nasional Aplikasi Teknologi, April 2010
71	Perancangan Server E-mail Berbasis Protokol delay Tolerant network (DTN)	Emir Mauludi Husni	<i>The 11th Seminar on Intelligent Technology and Its Applications – SITIA 2010</i> , Institut Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia. 9 Oktober 2010
72	Rancangan Unit Aritmetika Finite Field Berbasis Composite Field	Budi Rahardjo	Seminar Nasional
73	Compressive Sensing: Theory and Applications	Andriyan Bayu Suksmo	Seminar Instrumentasi Berbasis Fisika 2010
74	Optimisasi Wilayah Sistem Peringatan Dini Gempa Berbasis SensorPSO	Santika WP.	SNTI 2010 UNTAR Jakarta, November 2010
75	Action Selection Mechanism for RoboSoccer Management and Training System (ROSEMARY)	Arief Syaichu Rohman	11th Seminar on Intelligent Technology and Its Applications (SITIA 2010), Institut Teknologi Sepuluh November, 10 Oktober 2010
76	Analisis & Simulasi Faktor Harga, Bangunan, Fasilitas, dan Pelayanan Terhadap Kepuasan Penyewa Kamar Kos pada Game Juragan Kos	Arief Syaichu Rohman, Agung Harsoyo	5th Electrical Power, Electronics, Communications, Control, and Informatics Seminar, Universitas Brawijaya, Malang, 16-17 Desember 2010
77	Pengembangan Pendidikan dan Profesi Teknik Biomedika Institut Teknologi Bandung	Tati R Mengko, Sogijardjo S.	Seminar dan Advokasi e-Health di Indonesia, 15-18 Desember, Jakarta
78	Penataan & Inovasi Teknologi Guna Menunjang Diagnosis & Terapi Stroke di Indonesia	Tati R Mengko	Seminar Awam, Don` t Worry Be Happy After Stroke, Jakarta, 3 Desember 2010