

# 2010 IACSIT BALI CONFERENCES SCHEDULE

The 2nd International Conference on Computer Engineering and Applications (ICCEA 2010)  
2010 The 2nd International Conference on Telecom Technology and Applications (ICTTA 2010)  
2010 The 2nd IACSIT International Workshop on Information and Emerging Technologies (IWIET 2010)  
The 2nd International Conference on Knowledge Discovery (ICKD 2010)

**Bali Island, Indonesia**

**Bali Dynasty Resort**

**19th-21st March, 2010**

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**Mar 19, 2010 (Friday)**

**Bali Dynasty Resort**

10: 00 – 12: 30 13: 30 - 17: 00	Arrival and Registration
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**Note: (1) You can also register at any time during the conference.**

**(2) Certificate of Participation can be collected at the registration counter.**

**(3) Please copy PPT files of your presentation to the secretary when registration.**

**(4) The organizer dosen't provide accommodation, and we suggest you make an early reservation.**

**Morning, Mar 20, 2010 (Saturday)**

Venue: Nusa penida

9:00-9:10	Opening Remarks
9:10-10:00	Keynote Speaker I IEEE Fellow, Prof. Wang Jun Chinese University of Hong Kong, Hong Kong
10:00-10:20	Taking Photo and Coffee Break
10:20-11:10	Keynote Speaker II IEEE Fellow, Prof. Donald C. Wunsch Missouri University of Science & Technology USA
11:10-12:00	Keynote Speaker III IEEE Fellow, Feng Gang City University of Hong Kong, Hong Kong

12: 10 - 13: 30	Lunch Break
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**Afternoon, Mar 20, 2010 (Saturday)**

SESSION – 1 (ICCEA)—Computer Engineering and Applications

Venue: Conference room 1

Session Chair: Saif Rehman Malik

Time: 13:30 – 15:30

KEYN	CMOS Equivalent Model of Ferroelectric RAM
OTE	Parvinder S. Sandhu , Iqbaldeep Kaur, Amit Verma , Birinderjit S. Kalyan, Jagdeep Kaur , Sanyam Anand
E001	Neuro-symbolic Performance Comparison Saratha Sathasivam
E006	Intelligent Data Mining in Autonomous Heterogeneous Distributed Bio Databases Maqbool Uddin Shaikh, Azra Shamim, Saif Rehman
E012	Managing Communications in Critical Infrastructures Protection Denis Trcek
E016	Proposed Text Mining Framework to Explore Issues from Text in a Certain Domain

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	Hameed Hussain, Maqbool Uddin Shaikh, Saif Rehman
E017	Intelligent Decision Making Based on Data Mining using Differential Evolution Algorithms and Framework for ETL Workflow Management Maqbool Uddin Shaikh, Saif Rehman Malik, Muhammad Ahsan Qureshi, Sarah Yaqoob
E022	Robotic Arm Actuation with 7 DOF using Haar Classifier Gesture Recognition Jamshid Dastur, Attaullah Khawaja
E023	Human Robot Collaboration Using A Game Theme Jamshid Dastur, Attaullah Khawaja, Kashif Khan, Muzammil Ali, Waqas Khan
E024	Farrow Structures Using Different Transformation Matrices Tian-Bo Deng
E036	Enhance Knowledge Management Process for Group Decision Making rizwana irfan, Maqbool uddin Shaikh
E041	An Improved Pipelined Processor Architecture Eliminating Branch and Jump Penalty Raqibul Hasan, Sohel Rahman, Masud Hasan, Mahmudul Hasan, Ameer Ali
E043	Lattice BGK computational method for Solving Natural Convection Heat Transfer from a Heated Non-Concentric Annulus Cylinder azwadi sidik, Osman Shahrul Azmir
E044	Challenges in adopting and integrating ITIL and CMMi in ICT Division of a Public Utility Company Aliza Abdul Latif, Marina Md.Din, Rozita Ismail

<b>15: 30 - 15: 50</b>	<b>Coffee Break</b>
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**Afternoon, Mar 20, 2010 (Saturday)**

SESSION – 2 ((ICCEA)—Computer Engineering and Applications

Venue: Conference room 1

Session Chair: Berk Ustundaga

Time: 15:50 – 17:50

E047	Distributed Black Box and Graveyards Defense Strategies Against Distributed Denial of Services Jalal Atoum, Omar Faisal
E049	Application of data acquisition and telemetry system into a solar vehicle Zahari Taha, Rossi Passarella, How Xin Hui, Jamali Md Sah, Norhafizan Ahmad
E050	Task Oriented Behaviour-Based State-Adaptive PID (Proportional Integral Derivative) Control for Low-Cost Mobile Robot Igi Ardiyanto
E053	Mesoscale Computational Approach for Shear Driven Cavity Flow azwadi sidik, Agus Sujatmoko
E059	Frequency Chirp Characteristics on WDM Direct Modulation zaiton abdul mutalip
E061	Performance Comparison of AOMDV and OLSR Routing Protocols for Mobile Ad Hoc Network May Oo, Mazliza Othman
E064	Applying ant colony optimization for the decision support of green area maintenance Hsin-Yun Lee
E073	Vertical Handover Scheme for Car-to-Car Communication Based on IEEE 802.21 Standard

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	Arini Widhiyasi, Vasuky Mohanan, Muhammad Fermi Pasha, Rahmat Budiarto
E074	Design of an Interactive Humanoid Character for Multimodal Communication ali norouzi, Berk Ustundaga, Ali Norouzi
E075	The Nude Image Identification with Adaptive Skin Chromatic Distribution Matching Scheme Yung-Ming Kuo, Jiann-Shu Lee, Pau-Choo Chung
E079	Wireless Sensor Network for Rubber Orchard Monitoring and Alarming Systems Mallika Unhawiaw, Parkpoom Manoyut, Wannarat Santiamorntat
E081	Approximation of Goal Constraint Coefficients in Fuzzy Goal Programming Nureize Binti Arbaiy, Junzo Watada
E083	Research and Implement on Genetic Algorithm and Ant Colony Algorithm in Chinese Question Answering System Shuling Di, Pilian He, Huan Li

**Afternoon, Mar 20, 2010 (Saturday)**

SESSION – 3 ((ICCEA)—Computer Engineering and Applications

Venue: Conference room 2

Session Chair: Priti Rege

Time: 13:30 – 15:30

E088	Range-BW : I/O Scheduler for Predicable Disk I/O Bandwidth Dong-Jae Kang, Sung-In Jung, Ryo Tsuruta, Hirokazu Takahashi
E091	Low Power Binding for Switching Activity Reduction Based on Table Decomposition Method Kim Jihyung, Yoon Byeongwee, Park Sungho, Cho Jundong Sungkyunkwan University Korea
E097	Classification of Infant Cries with Asphyxia Using Multilayer Perceptron Neural Network Azlee Zabidi, Lee Yoot Khuan, Wahidah Mansor, Ihsan Mohd Yassin, Rohilah Sahak
E100	Recommendation Based on Latent Topics and Social Network Analysis Jian-hua Yeh, Meng-lun Wu
E102	Parallelizing CLIPS-based Expert Systems by the Permutation Feature of Pattern Matching Chao-Chin Wu, Lien-Fu Lai, Yu-Shuo Chang
E104	Contrast Based Enhancement Of Palm-Leaf Manuscript Images Priti Rege, Anand Chhidarwar
E111	Comparison of Optimal and Intelligent Sway Control for a Lab-scale Rotary Crane System Mohd Ashraf Ahmad, Reza Ezuan Samin, Mohd Anwar Zawawi
E112	Pageserver: High-Performance SSD-based Checkpointing of Transactional Distributed Memory Steffen Gerhold, Nico K ämmer, Alexander Weggerle, Christian Himpel, Peter Schulthess
E117	Split Objects For Multiconsistent Shared Memory Nico K ämmer, Patrick Schmidt, Steffen Gerhold, Thilo Schmitt, Peter Schulthess
E121	A Batch Fuzzy Query System for Predicting Protein Stability Changes Chao-Chin Wu, Liang-Tsung Huang, Lien-Fu Lai
E123	The research of composing semantic workflow engine based on web service Guo Bin
E126	Plays from Motions for Base-ball Video Retrieval Kyota Aoki

E127	Development of Micro V-bending System for Investigation Grain Size Effect of thin metal sheet Cho-Pei Jiang, Chang-Cheng Chen
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<b>15: 30 - 15: 50</b>	<b>Coffee Break</b>
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### Afternoon, Mar 20, 2010 (Saturday)

SESSION – 4 (ICCEA)—Computer Engineering and Applications

Venue: Conference room 2

Session Chair: Chorng-Shiuh Koong

Time: 15:50 – 17:50

E128	Product Reed-Solomon Codes for Implementing NAND Flash Controller on FPGA chip Changgeun Kim, Sunwook Rhee, Juhee Kim, Yong Jee
E129	Customized Tries for Weighted Key Completion Susumu Yata, Kazuhiro Morita, Masao Fuketa, Jun-ichi Aoe
E130	Concatenated Reed-Solomon Code with Hamming Code for DRAM Controller Sunwook Rhee, Changgeun Kim, Juhee Kim, Yong Jee
E131	The study of suitable operational item template based on Bloom's Taxonomy Chorng-Shiuh Koong, Chi-Ying Wu, Shuhui Chiu
E134	Maintaining High Utility Pattern Trees in Dynamic Databases Chun-Wei Lin, Tzung-Pei Hong, Wen-Hsiang Lu
E135	Adding multiprocessor support to an uniprocessor distributed operating system with transactional distributed memory Thilo Schmitt, Patrick Schmidt, Nico K änmer, Steffen Gerhold, Peter Schulthess
E137	Mining High Transaction-Weighted Utility Itemsets Guo-Cheng Lan, Tzung-Pei Hong, Vincent S. Tseng
E141	Experimental hardware solutions of Biotelemetric System Ondrej Krejcar, Dalibor Janckulik, Leona Motalova, Karel Musil
E142	Stress Testing Data Access via a Web Service Ondrej Krejcar, Leona Motalova
E143	Prebuffering as a Way to Solve the Problem of Low Performance Hardware of Portable Mobile Devices Ondrej Krejcar
E144	Toward the definition of the Loose Coupling notion in a Composite Service Anthony Hock-koon, mourad oussalah
E146	An Empirical Study using Line Profile Histogram Approximation of Edge Detection Algorithms Noor Elaiza Abdul Khalid, Mazani Manaf, Mohd Ezane Aziz
E161	A Comparative Study of JVM Implementations with SPECjvm2008 Hitoshi Oi

### Afternoon, Mar 20, 2010 (Saturday)

SESSION – 5 (ICKD 2010) —Knowledge Discovery

Venue: Conference room 3

Session Chair: Masao Fuketa

Time: 13:30 – 15:30

K004	Building Bilingual Parallel Corpora based on Wikipedia Mehdi Mohammadi and Naser GhasemAghae.
K007	Applying Multi-Dimensional Scaling Analysis for Finding Similarity Knowledge in OLAP Reports Kevin Chihcheng Hsu and Ming-Zhong Li.
K008	A Novel Top-down Algorithm of Frequent XML Query Pattern Mining Tsui-Ping Chang and Shih-Ying Chen.
K009	Generalized Regression Neural Nets in Estimating the High-Tech Equipment Project Cost Jui-Sheng Chou.
K010	Product-design knowledge retrieval based on ontology and rule chen si, Yan Yan, Wang Guoxin and Hao Jia.
K011	Performance Evaluation of The Judicial System in Taiwan Using Data Envelopment Analysis and Decision Trees Chih-Fong Tsai and Jung-Hsiang Tsai.
K015	A Retrieval Method of Similar Strings Using Substrings Masao Fuketa, Nobuo Fujisawa, Hiroaki Bando, Kazuhiro Morita and Jun-ichi Aoe.
K017	Features and Bayesian Network Model of Conceptual Change for INQPRO Choo Yee Ting, KOK CHIN KHOR and Somnuk Phon-Amnuaisuk.
K020	Analyzing Potential of SVM based Classifiers for Intelligent and Less Invasive Breast Cancer Prognosis Amna Ali, Umer Khan, Ali Tufail and Minkoo Kim.
K021	Aspect Weaving in MDA for Ontology Modeling farheen siddiqui and Afsher Alam.
K022	Comparing Single and Multiple Bayesian Classifiers Approaches for Network Intrusion Detection Kok Chin Khor, Choo Yee Ting and Somnuk-Phon Amnuaisuk.
K023	Integrating Biological Information for Feature Selection in Microarray Data Classification Huey Fang Ong.
K025	A Comparison Between Neural Network Based and Fuzzy Logic Models for Chlorophyll-a Estimation sorayya malek, aishah salleh and Sharifah Mumtazah Syed Ahmad.
K085	Data-Oriented Architecture of Sine Ahmad Habibizad Navin, Mir Kamal Mirnia, Telli Oladghaffari

15: 30 - 15: 50

Coffee Break

**Afternoon, Mar 20, 2010 (Saturday)**

SESSION – 6 (ICKD 2010) — Knowledge Discovery

Venue: Conference room 3

Session Chair: Nasrullah Memon

Time: 15:50 – 17:50

K027	Quality attributes and classification of schema matchers Ehsan Emadzadeh, Saravanan Muthaiyah and Azadeh Nikfarjam.
K028	Automatic Lexicon Generator for Logic Based Question Answering System Kasturi Dewi Varathan, Tengku Mohd Tengku Sembok and Rabiah Abdul Kadir.
K032	Automatic Topic(s) Identification from Learning material: An Ontological Approach

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	sonal jain and Jyoti pareek.
K033	A hierarchical clustering algorithm for categorical attributes parul agarwal, afshar alam and ranjit biswas.
K053	An Empirical Study Into The Effect Of Imputation Of The Missing Standard Deviations And The Choice Of Model On The Overall Meta Analysis Estimates Of Continuous Data Nik Ruzni Nik Idris , Noraida Saidin
K059	A Study Of Unemployment Rate: Evidence From Malaysia Aminah Ahmad, Nithyarobini Munian
K061	Role of Social Computing in the implementation of a Knowledge City Portal Ammar Rashid, Kostas Metaxiotis and A. Rashid Kausar
K065	Integration of Spatio-Temporal Data in a DBMS Yahaya Abd.Rahim and Shahrin Sahib
K066	Head Pose Estimation using Sparse Representation Bingpeng Ma, Tianjiang Wang
K071	Tacit Knowledge And Accountants: Knowledge Sharing Model Kalsom Salleh
K074	Efficient Feature Selection and Domain Relevance Term Weighting Method for Documents Classification Aurangzeb khan, Baharum Baharudin
K076	The Role Of Creative Organizational Climate On Learning Organization – A Key Component Of Knowledge Management SARMINAH SAMAD
K080	EWaS: Novel Approach for Generating Early Warnings to Prevent Terrorist Attacks Pir Abdul Rasool Qureshi, Nasrullah Memon, and Uffe Kock Wiil
K082	A novel approach to eliminate control hazards by using two priori processing units in pipeline computing Ahmad Habibizad Novin, Mir kamal Mirnia, Ehsan Lahouti

**Morning, Mar 21, 2010 (Sunday)**

Venue: Conference room

Keynote Speaker IV IEEE Fellow, Prof. Derong Liu University of Illinois at Chicago, USA
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<b>10: 00 - 10: 20</b>	<b>Coffee Break</b>
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**SESSION – 7 (ICCEA)—Computer Engineering and Applications**

Session Chair: Farhad Keissarian

Venue: Conference room

Time: 10:20 – 12: 00

E165	A Comprehensive Acknowledgement Mechanism for Data Transport in Wirelesssensor Networks Ganesh subrabanian
E166	Key Analysis of Normalization Process using Formal Techniques in DBRE

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	Natash A.Mian, Nazir A.Zafar
E173	A New Predictive Image Compression Scheme using Histogram Analysis and Pattern Matching Farhad Keissarian
E177	Using Three Layer Model (TLM) in Web Form Design: Zanariah Idrus, Nor Hafizah Abdul Razak, Noor Hasnita Abdul Talib, Taniza Tajuddin
E181	Developing and Evaluating a Virtual Tour Prototype Using Photo-stiching Technique Norfiza Ibrahim, Nadia Abdul Wahab
E183	Toward a Bottom-Up Parsing Virtual Machine Kazuaki Maeda
E186	Wireless Machine Monitoring and Control for Educational Purpose Said Elshayeb, Khalid Hasnan
E188	Web System for Electrophysiological Data Management Marek Penhaker, Jakub Krawiec, Vilem Novak, Radim Bridzik, Ondrej Krejcar
E189	Design and Application of Mobile Embedded Systems for Home Care Marek Penhaker, Martin Stankus, Jan Kijonka, Petr Grygarek
E401	Large Size File Transfer over Wireless Environment Prodipto Das, Bipul Syam Purkayastha, Ashit Debnath

<b>12: 00 - 13: 30</b>	<b>Lunch Break</b>
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**Afternoon, Mar 21, 2010 (Sunday)**

SESSION – 8 (ICCEA)—Computer Engineering and Applications

Venue: Conference room 1

Session Chair: Shashi Kumar D R

Time: 13:30 – 15:30

E406	RFOH: A New Fault Tolerant Job Scheduler in Grid Computing Maryam Etminan Far, Leili Mohammad Khanli, Amir M.Rahmani
E412	Back And Forth (BnF) Process Model Hina Gull, Sameera Amjad, Saeeda Bibi, Farooq-e-Azam
E421	3D surface reconstruction for prosthetic design Dr.Nasrul Humaimi Mahmood
E433	Electronically Operated Anti-Snoring Pillow Rajendra Suryawanshi
E436	Numerical prediction of thermal environmental conditions in locally ventilated working places Gao Jianliang
E437	Comparative Analysis of Defense Industry Frameworks for C4I System Using AHP Abdullah S Alghamdi, Iftikhar Ahmad
E440	Computer Aided Machining Programming in 5-axis NC Mill of Sculptured Surface Hu ran, Liu
E441	The computer-aided design and manufacture of the vane wheel Liu Huran
E442	Why Thinking Aloud Matters for Usability Evaluation? Idyawati Hussein, Esmadi Abu Abu Seman, Murni Mahmud

E445	The Effect of Monetary Shocks on Welfare: An Econometric Investigation Xiong Lan
E446	Monetary Policy shock and Interest Rate Xiong Lan
E447	Paper Title :-Why We Need the Intrusion Detection Prevention Systems (IDPS) In IT Company. Shivaji Mirashe
E449	Hybrid Fingerprint Matching using Block Filter and Strength Factors Shashi Kumar D R, Kiran Kumar K, K B Raja, R.K Chhotaray, Sabyasachi Pattnaik
E452	Fuzzification of the Analysis of Heart Rate Variability using ECG in Time, Frequency and Statistical Domains Ismail Sadiq, Dr.Shoab Ahmad Khan

<b>15: 30 - 15: 50</b>	<b>Coffee Break</b>
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### Afternoon, Mar 21, 2010 (Sunday)

SESSION – 9 (ICCEA)—Computer Engineering and Applications

Venue: Conference room 1

Session Chair: K. RAHIMUNNISA

Time: 15:50 – 17:50

E457	Integrated Fault Tolerant System for Automotive Bus etworks Haklin Kimm, Ho-sang Ham
E459	Development of Auto Tuning PID Controller using Graphical User Interface (GUI) Tengku Luqman Tengku Mohamed, Mohamed, Raimi Hazwani Azman, Zulkifli Mohamed
E462	Fair, class based packet scheduling scheme considering handoff priority to improve QoS for Broadband Wireless Access Systems Hussain Mohamemd, Mark Gregory
E465	A Broadcasting Scheme with Low Buffer Requirement for Users with Limited Bandwidth Yu-Wei Chen, Shin-Shung Chen
E467	Classification Cervical Cancer Using Histology Images Rahmadwati, Golshah Naghdy, Montse Ross, Catherine Todd, E.Norachmawati
E469	Automatic Localized Deblurring in Digital Images Cherin Joseph, Pradip Harindran Vallathol, Raj Kumar Gupta
E475	Hardware Assisted Address Monitoring System K.RAHIMUNNISA, ANOOP SURAJ A, KAVYA.T.S
E489	Improving the performance of the PI systems through The use of neural network M.Khak Jameii and M.A.Nekoui
E501	Design of Analog Integrated Circuits by Using Genetic Algorithm A.Jafari, M.Zekr, S.Sadri, A.Mallahzadeh
E502	Indoor Navigation using Adaptive Neuro Fuzzy Controller for Servant Robot Widodo Budiharto, Achmad Jazidie, Djoko Purwanto
E509	Data Transmission System of an Optically Steered Modulated Laser Bean Thiri Thitsar Khaing, Tha Pyay Win
E512	Knowledge Based Requirement Engineering Framework for Emergency Management System

	Velayutham Pavanasam, Chandrasekaran Subramaniam, Mannu Mulchandani, Aishwarya Parthasarathy
E517	Processing of VoIP Signal using TMS320C6713 in Digital Domain Harjit Pal Singh, Dr.Sarabjeet Singh, Dr.Jasvir Singh
E518	Computer Modeling & Performance Analysis of VoIP under Different Strategic Conditions Harjit Pal Singh, Dr.Sarabjeet Singh, Dr.Jasvir Singh
E409	Speech compression using LPC and wavelet Dr.Nasser Ali, Dr.Hussein M.Magboub

### Afternoon, Mar 21, 2010 (Sunday)

SESSION – 10 (IWIET 2010) — Information and Emerging Technologies

Venue: Conference room 2

Session Chair: Hassan Mathkour

Time: 13:30 – 15:30

V017	Applying Clustering Analysis on Grouping Similar OLAP Reports Kevin Chihcheng Hsu and Ming-Zhong Li
V029	Design and Realization of Low Cost Discrete Psd Controller for Power Electronics Applications Ondrej Krejcar, Michal Tutsch, Robert Frischer, Ivo Spicka
V043	Development Methods for Low Cost Industrial Control by WinPAC Controller and Measurement Cards in Matlab Simulink Michal Tutsch, Zdenek Machacek, Ondrej Krejcar, Petr Konarik
V031	Continuous Noninvasive Blood Pressure Measurement by Near Infra Red CCD Camera and Pulse Transmit Time Systems Petr Zurek, Ondrej Krejcar, Marek Penhaker, Martin Cerny, Robert Frischer
V068	Movement Activity Monitoring of Elderly People--Application in Remote Home Care Systems Martin Cerny
V070	Automatic Ranking of Eye Movement in Electrooculographic Records Penhaker M., Štula T., Černy M.
V033	Preliminary Evaluation on User Acceptance of the Augmented Reality use for Education Desi Dwistratanti Sumadio and Dayang Rohaya Awang Rambli
V235	Decision Support Conceptual Framework for Zoonosis Emerging System Adhistrya Erna Permanasari, Dayang Rohaya Awang Rambli, P. Dhanapal Durai Dominic
V036	A Field Study on Satellite and Cellular Signals as Sources for Location Oscar Gete-Alonso Roldan, Israel Martin-Escalona, Francisco Barcelo-Arroyo
V039	Numerical Analysis of the Effect of Reduction Gas Composition and Temperature on the Quality of Sponge Iron Product Bayu Alamsari, Shuichi Torii, Yazid Bindar, Azis Trianto
V044	An Integrated Approach for Protein Structure Prediction using Artificial Neural Network Hassan Mathkour and Muneer Ahmad
V065	Evaluating the Effects of Animations on Mobile Application Learnability Aznoora Osman, Mohammad Hafiz Ismail, Nadia Abdul Wahab

15: 30 - 15: 50

Coffee Break

**Afternoon, Mar 21, 2010 (Sunday)**

SESSION – 11 (IWIET 2010) —Information and Emerging Technologies

Venue: Conference room 2

Session Chair: Hashem Ghariblu

Time: 15:50 – 17:50

V066	Engaging Children to Science Subject: A Heuristic Evaluation of Mobile Learning Prototype Nadia Abdul Wahab, Aznoora Osman, Mohammad Hafiz Ismail
V078	DBSR: Dynamic Base Station Repositioning using Genetic Algorithm in Wireless Sensor Network Amir Mollanejad, Leili Mohammad Khanli, Mohammad Zeynali
V210	Performance Parameter of Mobile WiMAX : A Study on the Physical Layer of Mobile WiMAX under Different Communication Channels & Modulation Technique Omar Arafat and K. Dimiyati
V213	Techniques for Multistage A2 Lattice Structure Construction and Calculation using Triangular Number (Tn) and Square Number (Sn) Infall Syafalni and M. F. M. Salleh
V214	A Fair, Class Based Packet Scheduling Scheme for Broadband Wireless Access Systems to Provide High Quality of Service Hussain Mohamemd and Mark Gregory
V240	A Novel Model of Normal Random Variable Based on Data-Oriented Theory Raheleh Olfatkhah, Ahmad Habibizad Navin and Mir Kamal Mirnia
V252	Temporal Characteristics of Gait Biometrics Davronzhon Gafurov, Janne Hagen and Einar Snekkenes
V257	An Effective Query Algorithm in Database Hao Wu, Xiaohui Feng, Fen Yu
V269	Maximum Allowable Load of Two Cooperative Manipulators H. Ghariblu, A. Javanmard
V270	Design and Modeling of a Ball Wheel Omni-Directional Mobile Robot H. Ghariblu
V273	A Simulation Studies of Piezoresistive Sensing Resistor in MEMS Square Diaphragm A.A.Aziz and B.Y.Majlis
V071	Hybrid bike with three speed transmission system Nagendran R & Senthil Kumar K

**Afternoon, Mar 21, 2010 (Sunday)**

SESSION – 12 (ICTTA) —Telecom Technology and Applications

Venue: Conference room 3

Session Chair: SOMSAK CHOOMCHUAY

Time: 13:30 – 15:30

J010	Analysis of Call Set-up Delay for Different Resource Control Schemes in Next Generation Networks Mahmoud Pirhadi, Seyed Mostafa Safavi Hemami, Ahmad Khademzadeh
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J016	A Novel Transient System Survivability Quantitative Evaluation Framework Jipeng Huang, Jianhui Jiang
J026	Inorm: A New Approach In E-Commerce Recommendation Mozhgan Memari, Ali Amerian
J027	PID Controller Design for Semi-Active Car Suspension Based on Model from Intelligent System Identification Dirman Hanafi
J030	Comparative Analysis for System Capacity over Variable Nakagami-m Fading Channel Muhammad Farrakh and Muhammad Imran Azam
J031	A Basic Framework Analysis On The Needs Of Radio Frequency Spectrum Allocation At Ultra High Frequency (Uhf) Band For Digital Terrestrial TV Broadcasting In Indonesia Djamhari Sirat, Denny Setiawan, Dadang Gunawan , Muhammad Feriandi Mirza
J037	Design of X-Polarized GSM 900 Base Station Antenna with Field Test Measurement Azhari Bin Asrokin, Anas Bin Abas, Rizal Helmy Bin Basri, Norman Bin Jamlus
J039	Characteristics of Sagnac Interferometer Based on Highly-Nonlinear Photonic Crystal Fiber for WDM C-Band-Shift-Free Optical Phase Conjugator Pattarakamon Rangsee, Pasu Kaewplung
J042	Real Time ECG Measurement and Visualization on Mobile Biotelemetric Monitoring Stations Ondrej Krejcar, Dalibor Janckulik, Leona Motalova, Karel Musil
J044	Fingerprint Enhancement with Second Derivative Gaussian Filter and Directional Wavelet Transform Keokanlaya Sihalath, Somsak Choomchuay, Shatoshi Wada, Kazuhiko Hamamoto
J048	Development of Mobile Biomedical System fo Home Care Agencies Ondrej Krejcar, Dalibor Janckulik, Leona Motalova
J049	Dataflow Optimization in Mobile Information System on Mobile Devices Ondrej Krejcar
J050	Effective Techniques to Reduce Cross Border Interference in Cellular Networks Asim Iqbal, Tanveer-ul-Haq, Hassan Mahmood, Umar Farooq, M. Usman Asad
J051	System Modules Interaction Based Stress Testing Model Guang Yang, Jianhui Jiang

<b>15: 30 - 15: 50</b>	<b>Coffee Break</b>
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**Afternoon, Mar 21, 2010 (Sunday)**

SESSION – 13 (ICTTA) —Telecom Technology and Applications

Venue: Conference room 3

Session Chair: C. Saravanan

Time: 15:50 – 17:50

J053	GPS-GSM Integration for Enhancing Public Transportation Management Services Umar Farooq, Muhammad Amar, Muhammad Usman Asad, Asim Iqbal
J055	Research on Trustworthy Mechanism Based on Agent Wei Ou, Wenbao Han, Yongjun Wang

J058	A Lexical Database Filter for Efficient Semantic Publish/Subscribe Message Oriented Middleware Yu-Cheng Norm Lien and Wen-Jong Wu
J059	Actimetry and Electrocardiography Relationship Augustynek M., Čajka L., Penhaker M.
J060	Detection of ECG Significant Waves for Biventricular Pacing Treatment Pindor J., Penhaker M., Korpas D.
J061	Verification of Set Up Dual-Chamber Pacemaker Electrical Parameters Pindor J., Penhaker M., Korpas D.
J062	Finger Plethysmography Classification by Orthogonal Transformatios Penhaker M.
J063	An Efficient Duplicate Detection System for XML Documents Thandar Lwin
J212	Color Image to Grayscale Image Conversion C. Saravanan
J217	Proposal of Method for Digital Forensics in Physical Distribution Ryuya Uda
J219	Feature Level Fusion of Speech and Face Image based Person Identification System Gunawan Sugiarta, YB., Riyanto Bambang, Hendrawan, Suhardi
J228	Application of G.P.S. And infrared for Car Navigation In Foggy Condition To Avoid Accident Chinmoy Das Gupta
J229	Towards the Development of Tandem Repeat Analyzer for Genome Sequence Data Eesha Ingle, Abhiram Bhise.
J230	Visualization and Analytical Measurement of Electromagnetic radiation from Handheld mobile phones Dayang Azra Awang Mat, Franky Kho Wee Tat, Kuryati Kipli, Annie Joseph, Kasumawati Lias, Ade Syaheda Wani Marzuki
J231	Feature extraction of capnogram FOR asthmatic patient Tan Teik Kean, A. H. Teo, M.B. Malarvili

## **Instructions for Oral Presentations**

### **Devices Provided by the Conference Organizer:**

Laptops (with MS-Office & Adobe Reader)  
Projectors & Screen  
Laser Sticks

### **Materials Provided by the Presenters:**

PowerPoint or PDF files

Duration of each Presentation (Tentatively):

Regular Oral Session: about 15 Minutes of Presentation 5 Minutes of Q&A

Keynote Speech: 45 Minutes of Presentation 5 Minutes of Q&A

## **Bali Dynasty Resort**

Bali Dynasty Resort is a premier beachside resort in South Kuta, renowned for its warm Balinese hospitality. The property has recently undergone a multi-million dollar makeover, with a complete renovation of three wings (two further wings currently in progress) an impressive new Lobby, and two new restaurants. The Resort now offers six restaurants, four bars, three swimming pools, spa villa, exercise room, beach club, kids' club, meeting facilities and complimentary Hospitality lounge for those early arrivals and late departures.

The unique layout allows for a subtle but effective division between the couples market and the family market. Couples can enjoy the famous Gracie Kelly's Irish Pub and relax at the adults-only Lazy Pool, while kids enjoy a 56-metre waterslide flowing into their own pool and complimentary entrance to the Enchanted Garden Kids' Club. A wide variety of rooms catering to the family market are available, sleeping up to five people.

The resort is located within walking distance of Kuta's nightlife, Waterbom Park and Discovery Shopping Mall.



### **Hotel Contact:**

62-361-752403  
(62-361) 752402  
reservations@balidynasty.com

**The organizer dosen't provide accommodation, we suggest you make an early reservation either to choose Bali Dynasty Resort or other neighboring ones**

### **Conference Secretariat Contact:**

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