



SCHEDULE

BALI INTERNATIONAL SEMINAR



Friday, 22 July 2011

Time (WITA)	Activity
08.00 – 08.30	Registration
08.30 - 09.15	Opening Chairman of Bali International Seminar Rector of UPN “Veteran” University Rector of Udayana University
09.15– 09.45	Coffee break
09.45 – 10.15	Keynote Speaker : Dr.Ir.TATANG H SOERAWIJAYA, MSc (National Research Council - Indonesia)
10.00 – 12.15	Plenary Speakers Prof. EDWARD R T TIEKINK (University of Malaya, Malaysia) Prof. RYANARTO SARNO (ITS, Indonesia) Dr. I GEDE WENTEN (ITB, Indonesia) Prof. DAVID J YOUNG (Universiti Brunai Darussalam)
12.15 – 14.00	Lunch break
14.10 – 15.30	Class room presentation
15.30 – 16.00	Coffee break
16.00 – 17.30	Class room presentation

Saturday, 23 July 2011

Time (WITA)	Activity
08.00 - 08.30	Coffee break
08.30 - 11.30	Plenary Speakers Prof. J.C. LIU (NTUST, Taiwan) Prof. SUKARDIMAN HARJOTARUNO (UNAIR, Indonesia) Prof. HABIBAH A. WAHAB (USM, Malaysia) Ir.HARYANTO WARDOYO (PT. Nusa Citra Asia Industry)
11.30 - 12.30	Class room presentation
12.30 - 13.30	Lunch break
13.30 - 15.00	Class room presentation
15.00 - 15.30	Coffee break
15.30 - 16.00	Closure of the seminar

Class Room Presentation, Friday 22 July 2011

Class Room A1

No	Paper Title	Presenter	Institution
1	Catalytic Degradation of Glycerol in Subcritical and Supercritical Water Media	Mahfud, Yuyun Yuniati, and Sumarmo	Sepuluh Nopember Institute of Technology Surabaya, Indonesia
2	Effect of Molecular Weight and Contents of Polyethylene Glycol on Crystallization of Polylactic Acid/Talc	Wisaroot Payubnop, Sirijutaratana Covavisaruch, and Nukul Euaphantasate	Chulalongkorn University, Bangkok, Thailand
3	Study on Important Parameters Affecting The Soxhlet Extraction of Lempuyang Oil Production	Nur Hidayah Binti Mohmed Isa, Fethie Binti Ahmad Zakil, and Izirwan Bin Izhah	Universiti Malaysia, Pahang, Malaysia
4	Synthesis of MCM-48 Mesoporous Materials From The Dieng Wonosobo Geothermal Sludge	Maria Christina Prihatiningsih, Imam Prasetyo, Rochmadi, and Wiratni	Gajahmada University, Yogyakarta, Indonesia
5	Optimization of Epoxidation Reaction of Palm Oil Methyl Ester Using Response Surface Methodology	Edy Purwanto, Emma Savitri, Dimas Febrian Saputra, and Didik Setianto	University of Surabaya, Surabaya, Indonesia
COFFEE BREAK			
6	A Study on The Kinetics Parameters for A Continuous Flow Activated Sludge Process in Wastewater of Textiles	Judy R Witono, Adrian, and Fenny Yoswara	Parahyangan Catholic University, Bandung, Indonesia
7	Numerical Prediction of Hydrodynamic effect on Biohydrogen Production in Stirred Tank	Tantular Nurtono, Wa Ode Cakra Nirwana, Arif Widjaja, Nadiem Anwar, and Sugeng Winardi	Sepuluh Nopember Institute of Technology Surabaya, Indonesia
8	Mechanism and Reaction Kinetics of Peat Decomposition	Edi Mulyadi and Nurul Wiji Triana	UPN "Veteran" University, Surabaya, Indonesia
8	The Potential of Phytoremediation Using Duckweed (<i>Lemna minor</i>) for Wastewater Treatment	Tuani Lidiawati S	Surabaya University, Surabaya, Indonesia
9	Production of Sodium Lignosulphonate From Lignin Isolate of Empty Fruit Bunches as Dispersant of Gypsum Paste	Ismiyati	Muhammadiyah University of Jakarta, Jakarta, Indonesia
10	Reaction Kinetics of Magnesium Compound Recovery From Bittern Using Slake Lime Continuously	Sutiyono, and Pratiwi	UPN "Veteran" University, Surabaya, Indonesia

Class Room A2

No	Paper Title	Presenter	Institution
1	Potential of Munciple Solid Waste as A Renewable Alternatif Fuel	Edy Wiyono	Gadjah Mada University, Yogyakarta, Indonesia
2	Sustainability of Information and Communication Technology Projects for Rural Development and Empowerment in Developing Countries – Evidence From India (2000-2010)	Siva Prasad Ravi	School of Buisness and Economics Thompson Rivers Univerity, Kamloops, British Columbia, Canada
3	The Analysis and Characterization of <i>Xylocarpus Moluccensis</i> Mangrove Fruit Seeds	Setiyo Gunawan, R. Darmawan, Aliwafa, Miranti Nanda H, Akhmad Dhika S, and Hamzah Fansuri	Sepuluh Nopember Institute of Technology, Surabaya, Indonesia
4	Simulation and Experfimental System Terner Aseton-Butanol-Ethanol With Batch Distillation	Ni Ketut Sari	UPN "Veteran" University, Surabaya, Indonesia
5	Biohydrogen Production from Cane Molasses by Muttated Enterobacter aerogenes ADH43 in Continous Stirred Tank Reactor System With Varying Dillution Rate and its Application into Fuel Cell for Generating Electricity	Yustina Liasari, Mahyudin Abdul Rachman, Harijono, and Agustin Krisna Wardana	Brawijaya University, Malang, Indonesia
BREAK			
6	Bio-Lubricants Development : Reducing Wear Scar Diameters Using Ashless additives	Dicky Darmawan, Dyah setyo Pertiwi, Achmad Siddik and Sayd Rachadiyan Pahlevi	National Institute of Technology (ITENAS) Bandung, Indonesia
7	Hydroctacking Palm Oil on NI-Mo Catalyst	Erlan Rosyadi, Nyoman Puspa Asri, Santi Diah Savitri, Ignatius Gunadi, and Achmad Roesyadi	Sepuluh Nopember Institute of Technology Surabaya, Indonesia
8	Elimination of Phenol by Adsorption Process Using Natural and Modified Zeolite As Adsorbents	Yunus Fransicus, Andre Oentoro and Lidya Jonatan	Surabaya University, Surabaya, Indonesia
9	The Effect of Methanol Concentration On Production of Methyl Ester Using Palm Oil as Substrate in A Stirred Tank Reactor	Jafri N, Abdullah N, and Mohd Ghazi T I	Universiti Putra Malaysia, Selangor, Malaysia
10	Adsorption of Blue Methylene by Cow Bone Char Activated With Sodium Hydroxide and Coated With Aluminium Oxide	E Suprihatin, I Nengah Simpen, Wahyu Dwijani, and I Made Swarjana	Udayana University, Denpasar, Indonesia

Class Room B1

No	Paper Title	Presenter	Institution
1	Design and Implement Integration System With An Enterprise Service Bus	Indrajani	Bina Nusantara University, Jakarta, Indonesia
2	Social Networking Website As A Communication Media : Study Case Ptra Christian University Library	Lily Puspa Dewi, Iwan N Sandjaja, and Leonard C Tali	Petra Christian University, Surabaya, Indonesia
3	Design and Implementation of Payroll Information System in PT. Karya Tama Rimba Cemerlang	Agustinus Noertjahyana, Felix Montana, and Arlinah Imam Rahardjo	Petra Christian University, Surabaya, Indonesia
4	Integrating Fast-Ica and MFCC Methods for Voice Recognition With Noise Splitter	Lina, Arlends Chris, and Felicia Ilona	Tarumanagara University, Jakarta, Indonesia
5	Online monitoring System at The Green House Plant Growth Based Mobile Technology	M Syahrul Munir, and I Gede Susrama Masdiyasa	UPN "Veteran" University, Surabaya, Indonesia
BREAK			
6	Weather Sensor Data Acquisition Using Delay Tolerant Networking	Justinus Andjarwirawan, Budi Darmawan, and Andreas Handoyo	Petra Christian University, Surabaya, Indonesia
7	Application Program Design Base on Text Data Security by Means of The Base-64 Algorithm and The QR-CODE Image Transformation	Wasino, Tumpal Pandiangan and Putra Kema	Tarumanagara University, Jakarta, Indonesia
8	The Design and Prototyping of Solar Cell Based Mobile Phone Charger	Bagus Arthaya, and Irfan A Nuswantoro	Parahyangan University, Bandung, Indonesia
9	The Design and Development of Administrative Web-Based Information System With COGS Calculation	Ibnu Gunawan, Yulia Kendengis, and Roy Philip Stanley	Petra Christian University, Surabaya, Indonesia
10	An Integrated Modular Design and Life Cycle Design for Manufacturing Industry : A Critical Review	Dira Ernawati, I Nyoman Pujawan, I Made Londen Batan, and Maria Anityasari	UPN "Veteran" University, Surabaya, Indonesia

Class Room B2

No	Paper Title	Presenter	Institution
1	Development of Software for Evaluating Radiograph of Welded Joints Material	Supriyono, Bagus Triatmoyo, and Djoko Marjanto	Polytechnic Institute of Nuclear Energy Agency, Yogyakarta, Indonesia
2	Voting of Biclass and Multiclass Artificial Neural Network	Fetty Tri Anggraeny, Indriati, and Heliza Rahmania Hatta	UPN "Veteran" University, Surabaya, Indonesia
3	Web Based Register and Vendor Evaluation System for PT. Garuda Indonesia	Jurike V. Moniaga ¹ , Ageng Purnomosidi, Trias Fikriansyah, Wahyudi	Bina Nusantara University, Jakarta, Indonesia
4	Alignment Measurement of SOA Benefits in ERP Implementation using Partial Least Square	Abdul Rozaq ¹ , Riyanarto Sarno ²	State Polytechnic of Banjarmasin, Banjarmasin, Indonesia
5	Remote Monitoring of Soil Quality by Using IDAS (Internet-Based Data Acquisition System) and SMS Gateway Technology	Basuki Rahmat, Purnomo Edi Sasongko, and Wanti Mindari	UPN "Veteran" University, Surabaya, Indonesia
BREAK			
6	Internet Banking : The Roles and Responsibilities to Safety Risks of Customer Funds	Budi Nugroho	UPN "Veteran" University, Surabaya, Indonesia
7	Content Based Image Retrieval Using Rotated Wavelet Transform and Canberra Distance	Ricky Eka Putra ¹ , Nanik Suciati ² , A rya Yudhi Wijaya	Informatics Department, Faculty of Information Technology, Institut Teknologi Adhi Tama Surabaya ¹
8	Designing and Developing Camelot Restaurant Information System in Ordering With Web Based Mobile Device	Alexander Setiawan, Justinus Andjarwirawan, and Andrew Brian	Petra Christian University, Surabaya, Indonesia
9	Calculate Similarity of Document Using Word Count and Cosine Similarity	Wahyu S.J Saputra,	UPN "Veteran" University, Surabaya, Indonesia

Class Room C1

No	Paper Title	Presenter	Institution
1	Global Requirements of Chitosan for Medical and Food Applications	Natalia Suseno, Emma Savitri, and Claudia Windasari	Surabaya University, Surabaya, Indonesia
2	Effect of Chitosan to The Quality of Pharmaceutical Waste Product	Henry Rachdiati, Padmono Citroreksoko, and Syamsul Anwar	Universiti Kuala Lumpur, Malaysia
3	Purification of Recombinant Cyclodextrin Glucanotransferase (CGTase) Using Mixed-Mode Adsorption Chromatography	Margaret Sivapragasam, Raha Abdul Rahim, and Norhafizah Abdullah	Universiti Putra Malaysia, Serdang, Malaysia
4	Kombucha Tea As A Potensial Inhibitor of Free Radical	Reny Wahyudi, Suyono , , Leny Yuanita	State University of Surabaya, Surabaya, Indonesia
5	Optimization of The Extraction's Condition of Eugenia Polyanta (Wight)Walp.) Leaves Powder Predried With Instantaneous Controlled Pressure-Drop ((DIC)(1,9 bar; 10,86 sec.)) and of The DIC's Cycles	Indrajati Kohar, Soediatmoko Soediman, Karim Allaf, and Niken Ariestanti	University of Surabaya, Surabaya, Indonesia
6	Structure-Based Approaches for New Antimalarial Drug Design	Lim Kok Keong, Chan Kit Lam, and Habibah A Wahab	University Science Malaysia, Pulau Pinang, Malaysia
BREAK			
7	Formulation and Physicochemical Stability of 20% Glycolic Acid Creams Using Sepigel *305 and Combination of Sepigel *305-Montanov	Ni Luh Dewi Aryani, Nani Parfati, Rica Marlia Swandayani and Angelina Haliem	Surabaya University, Surabaya, Indonesia
8	Primers pncAF and pncAR Amplified The pncA Gene of MDR <i>Mycobacterium Tuberculosis</i> Isolate R7 Related to Pyrazinamide Resistance	Rahmaniar Mulyani, and Achmad Saifuddin Noer	Achmad Yani University, Bandung, Indonesia
9	Effectiveness of 2,4 Diklorobenzoilthiourea As Anticonvulsant With Electroshock Method in Mice	Aguslina Kirtishanti, Dini Kesuma, and Widya L.C	Surabaya University, Surabaya, Indonesia
10	Struture-Based Virtual Screening of Malaysia Natural Product Toward Discovery of Potent Ppar Agonist	Lee Guan Sheng, Tengku Sifzizul Tengku Muhammad and Habibah A Wahab	University Science Malaysia, Pulau Pinang, Malaysia
11	Design of Monitor Tools For CO2 Gas on Medical Anesthesia Machine	Anwar Budianto, Toto Trikasjono, and Anggiat Winner OS	Polytechnic Institute of Nuclear Technology-BATAN
12	Potential Neuraminidase Influenza A (H5N1 and H1N1) Inhibitor of Brucea Javanica (L.) Merr	Neny Purwitasari, Noernisah Muhamed, Hibibah A Wahab, and Nurkusairi Khairul Ikram	Universiti Sains Malaysia, Penang, Malaysia

Saturday, 23 JULY 2011

Class Room A3

No	Paper Title	Presenter	Institution
1	Effect of Metal Dopants (Al, In, Mn) On The Characteristics of ZnO Fine Particles Prepared by Spray Pyrolysis Method	Widyastuti, Adhi Setiawan, Kusdianto, Tantular Nurtono, Suci Madhania, Sugeng Winardi	Sepuluh Nopember Institute of Technology, Surabaya, Indonesia
2	Evaluation of Butanol-Water Distillation Column With Heat Integration to Obtain a Minimum Total Annual Cost (TAC)	Satrio Pamungkas, Tri Hartanto, Musfil Ahmad Syukur, and Renanto Handogo	Sepuluh Nopember Institute of Technology, Surabaya, Indonesia
3	Mechanism and Reaction Kinetics of Peat Decomposition	Edi Mulyadi and Nurul Wiji Triana	UPN "Veteran" University, Surabaya, Indonesia
4	Biodegradation of Organic Material from Produce Water Using Consortium Microorganism With Step Aeration Processing	Rudy Laksmono W, Tuha Agung Rachmanto, Edison Effendy, and Q Helmi	UPN "Veteran" University, Surabaya, Indonesia
BREAK			
5	Exploiting From Industry Bioethanol	Ni Ketut Sari, Komang Yudhi Dharmawan, and Gitawati	UPN "Veteran" University, Surabaya, Indonesia
6	Computational Fluid Dynamic (CFD) Study of Aerosol Separation in Electrostatic Precipitator	Tantular Nurtono, Widyastuti, Suci Madhania, and Sugeng Winardi	Sepuluh Nopember Institute of Technology, Surabaya, Indonesia
7	Mechanical Properties and Biological Degradation of Injection Molded Poly (vinyl alcohol)-Cassava Starching	Nor Sarizal Nor Hassan, Wan Aizan Wan Abdul Rahman	Universiti Teknologi Malaysia, Johor, Malaysia
8	Thermal and Rheological Properties of Polypropylene/Carbon Nanotubes Nanocomposite	Katabongkot Phetsang, Sirijutaratana Covavisaruch ¹ and Nawadon Petchwattana ²	Chulalongkorn University, Payathai Road, Patumwan, Bangkok
9	PP/RS Biocomposite Foam : Effect of Different Compatibilizer Loading	Nazuha Binti Tugiman, Zurina Binti Mohamad ² , and Wan Aizan Wan Abdul Rahman ³	Universiti Teknologi Malaysia, 81310 Skudai, Johor, Malaysia

Class Room A4

No	Paper Title	Presenter	Institution
1	Preparation Oz ZTA Doped With Copper Oxide (II) by Colloidal Filtration Methode and Using Tiron As A Stabilizing Agent	H Wakily and H Metselaar	University Of Malaya, Kuala Lumpur, Malaysia
2	Influences of Xylanase Enzym in Bleaching Pulp Result of Delignification The Rind of Cocoa	Susilowati, Nurul Faizah and Ni Made	UPN "Veteran" University, Surabaya, Indonesia
3	Recovery of Oleic Acid Ethyl Ester Compound After Solid Phase Extraction Purification	Ni Made Suaniti	Udayana University, Denpasar, Indonesia
4	Influences of Nano Scaled Nucleating Agent On The Mechanical Properties of Polypropylene	Panjapong Sripanya, Sirijutaratana Covavisaruchi and Nawadon Petchwattana	Srinakharinwirot University, Bangkok, Thailan
5	Transesterification of Palm Oil to Methyl Ester Using –Alumina Supported Base Catalyst	Nyoman Puspa Asri, Ferdy Hartanto, Rachmad Ramadhan, Santi Dyah Savitri, Ignatius Gunadi, Suprpto, Kusno Budikarjono and Achmad Roesyadi	Sepuluh Nopember Institute of Technology, Surabaya, Indonesia
COFFEE BREAK			
6	Degradation of Remazol Brilliant Blue Using Ozone in A Pipe Flow Reactor	Noor Anis Kundari, Kartini Megasari, Dadit Eko Setyawan, Kris Tri Basuki, and Maria Christina Prihatiningsih	Polytechnic Institute of Nuclear Technology (POINT), Yogyakarta, Indonesia
7	The Effect of Precursor Concentration To ZnO-Silica Nanocomposite Formation Using Sol-Gel Method	Sugeng Winardi, Widyastuti, Kusdianto, Tantular Nurtono, and Suci Madhania	Sepuluh Nopember Institute of Technology, Surabaya, Indonesia
8	Waste Oil Purification With Ultrafiltration Membrane	Sri Redjeki	UPN "Veteran" University, Surabaya, Indonesia
9	Determination of Toxicity of Tofu Wastewater to Nila Fish (<i>Oreochromis Niloticus</i>)	Naniek Ratni JAR and Anas Zubair	UPN "Veteran" University, Surabaya, Indonesia

Class Room B3

No	Paper Title	Presenter	Institution
1	Information Retrieval With Latent Semantic Indexing Method	Wasino, and Leonardo Sukianto	Tarumanagara University, Jakarta, Indonesia
2	Optimization of Line Masking Intelligent Traffic System (Case Study in The Surabaya City)	I Gede Susrama Masdiyasa, and Ariyono Setiawan	UPN "Veteran" University, Surabaya, Indonesia
3	A Weighted Ontology Matching for COBIT Maturity Measurement Model (WOMCM3)	Rahimi Fitri, and Riyanarto Sarno	State Polytechnic of Banjarmasin, Banjarmasin, Indonesia
4	Compared of Demosaicing Algorithm With Constant Hue-Based Interpolation, Bilinier Interpolation, and Edge-Sensing Interpolation Methods	Kartika Gunadi, Liliana, Yongnardi, and Stephen	Petra Christian University, Surabaya, Indonesia
5	Construct of Thyroid Uptake Instrument Using Microcontroller AT 89S8253 With USB Interface	Nugroho Trisanyoto, Agustin Nurcahyani, and Adi Abimanyu	Polytechnic Institute of Nuclear Technology, Yogyakarta, Indonesia
COFFEE BREAK			
6	Circular Construction of Iris Feature Vectors For Iris Recognition System	Lina, Danu Widatama, Tony Mulia, and Benyamin Kusumoputro	Tarumanagara University, Jakarta, Indonesia
7	Development of Android Cloud Using EXT-JS4	Rizky Parlika	UPN "Veteran" University, Surabaya, Indonesia
8	Neuro-Fuzzy-Based Real Time Flood Disaster Early Warning System	Basuki Rahmat, Mohamad Irwan Afandi, and Rizky Parlika	UPN "Veteran" University, Surabaya, Indonesia
9	Increasing The Quality of Transportation Service Using Serqual Method and Analytical Hierarchy Process in PT. Tugu Jogja Trans	C.Indri Parwati	Istitute of Science & Technology Akprind, Yogyakarta, Indonesia

Class Room B4

No	Paper Title	Presenter	Institution
1	Development of Google Chrome Extension For Web Vulnerability Scanner	Achmad Junaidi, Basuki Rahmat, and Aditya Wardana	UPN "Veteran" University, Surabaya, Indonesia
2	Differential Evolution Optimization for Bezier Curva Approximation With Centripetal Parameterization	Priza Pandunata	UPN "Veteran" University, Surabaya, Indonesia
3	Feedback Fuzzy Control Design of Power System Stabilizer (PSS) for Single Machine Infinite Bus (SMIB)	Tarmaji, and Imam Robandi	Sepuluh Nopember Institute of Technology Surabaya, Indonesia
4	Expert System Mobile for Identification Pest for Manggo	Asti Dwi Irfianti	UPN "Veteran" University, Surabaya, Indonesia
5	Ontology-Based Information Technology Skills Management	Doddy Ridwandono, and Bayu Utomo	UPN "Veteran" University, Surabaya, Indonesia
BREAK			
6	Implementation of Executive Information System Motor Cycle Sales in PT.X	Syurfah Ayu Ithriah, and Nurcahyo Wibowo	UPN "Veteran" University, Surabaya, Indonesia
7	Application Control Robot Using Remote TV Sony	Tri Puji Rahayu, Yakub, and Candika Sindoro	STMIK Dharma Putra, Tangerang, Indonesia
8	Mobile Application For Arabic Last Vowel Correction Using Decision Tree	Nur Cahyo Wibowo	UPN "Veteran" University, Surabaya, Indonesia

Class Room C2

No	Paper Title	Presenter	Institution
1	Developing A New Natural Food Additive : A Study of Dragon Fruit in Malaysia	Seyedeh Khadijeh Taghizadeh, Fatemeh Shahhosseini, Amin Maghsoudi, Shaghayegh Malekifar, Nazli Moshfeghi, and Omid Mahdavi	University Of Malaya, Kuala Lumpur, Malaysia
2	Effect of Agglomeration Process on The Physical Properties of The Coconut Milk Powder	Alwani Hamad, and Manop Suphantharika	Muhammadiyah Univerity of Purwokerto, Purwokerto, Indonesia
3	Rice Bran Oil Production by Fermentation Using The Yeast	Dwi Suhartanti, and Endang Sulistiawati	Ahmad Dahlan University, Yogyakarta, Indonesia
4	Antibacterial Activity of Aromatherapy Essential Oils of Eucalyptus (<i>Eucalyptus globules</i>), Mint (<i>Mentha piperita</i>), and Bergamot (<i>Citrus bergamia</i>)	Insan Sunan K, Dewi Rusmiati, and Yeza Anadra	Padjadjaran University, Bandung, Indonesia
BREAK			
5	Tempe Increases Total Antioxidant Capacity (TAC) and Reduce Malondialdehyd (MDA) in Rats Irradiated With Ultraviolet Ray	Siti Maryam	Ganesha University of Education, Singaraja, Indonesia
6	The DNA Isolation of Menoreh Kuning Durian (<i>Durio Zibethinus Murr</i>) Cultivar Using Detergent and Commercial Kit	Tara Puri Ducha Rahmani and Budi S Daryono	Gajahmada University, Yogyakarta, Indonesia
7	Influenza A Viruses in Malaysia	Ten Ban Hong, and Habibah A Wahab	University Science Malaysia, Pulau Pinang, Malaysia
8	Antibacterial Activities Test of Leaf Senggani Infusa On Shigella Flexneri	Dwi Suhartanti, Trianik Widyaningrum, and Ratnawati	Ahmad Dahlan University, Yogyakarta, Indonesia
9	Mutation Analysis of Mitochondrial DNA Fragmen D-Loop in Human Mesoderm Layer	Unwakoly S, Noer S	Pattimura University Ambon
10	Hydrodynamic Study of Membrane Bioreactor Submerged for Wastewater Treatment Process	Aisyah Endah Palupi	Surabaya State University, Surabaya, Indonesia