

Parallel Paper Presentation Schedule

September 30, 2010

	Y407	Y409
	Game Theory 1	Real-World Applications of IT
9:40- 10:00	Binary Codes - a Game Theoretic View <i>Ederlina Ganatuin-Nocon</i>	Improving Application Visibility in a Mobile Application Store through Social Network Integration <i>Michael Mohan, Aaron Lim, Nicole Rodriguez, Kenneth Siasin, Danny C. Cheng</i>
10:00-10:20	A Game-Theoretic, Bi-Level Optimization Model for Multi-Feedstock Bioenergy Supply Chains <i>Ivan Dale U. Barilea, Raymond R. Tan</i>	Representing Evaluative and Comparative Questions for a Question Answering System in Business Intelligence <i>Kenston Choi, Rosalyn Margret Pacana, Adrian Lester Tan , Jonathan Yiu, Nathalie Rose Lim</i>
10:20-10:40	On the Lee-Carter Model as Applied to Mortality Tables of the Baltic States and the Philippines <i>Kristine Mae M. de la Cruz, Sara Jane C. de la Cruz, Isagani B. Jos</i>	Information Extraction for an eParticipation Framework for the Philippine Senate <i>Allan Borra, Brian Lim, Angelo Crisanto Miranda, Janine Trogo, Fe Eleanor Yap</i>
10:40-11:00	An Agent Based Model of a Duopolistic Service Industry with Price and Quality Sensitive Customers <i>Bryan O. Gobaco</i>	VoxPop: An Automated Opinion Detection and Classification with Data Clustering System <i>Charibeth K. Cheng, Glicer Z. Bautista, Michael A. S. Garcia, Richmond J.C. Tan</i>
	Game Theory 2	Energy
11:10-11:30	Dynamical Characteristics of the Philippine Stock Exchange Composite Index <i>Cristina Mae Janairo, Robert Roleda</i>	DFT Study of Nanostructures of Si/SWCNT Complex for Potential Li-Ion Battery Applications <i>Mary Clare Sison Escano, Hideaki Kasai</i>
11:30-11:50	Business Pressures, Organizational Responses, and IT Support Among the Top Corporations in Metro Manila <i>Harvey T. Ong</i>	Construction of Microbial Fuel Cell from Local Benthic Zones <i>Maria Lúiza D. Ramiento, Maria Lissette D. Lucas</i>
	Operations Research	Biology
1:00-1:20	A Model Towards an Understanding of Consumption and Sustainable Consumption in Transportation and Mobility of Households <i>Tarin Jenelle C. Tee, Richard C. Li</i>	Presence of Facultative Methylophilic Bacteria in Bagoong Alamang(Shrimp Paste) <i>Krystel Mae. F. Amparado, Anthony C. Lee</i>

1:20-1:40	Parallel Machines in the Two-Machine Flowshop with Makespan Minimization <i>Eric A. Siy</i>	Establishment of Primary Cultured Human Fibroblasts from Periodontal Ligament <i>Abolfazl Azari Khojasteh, Sheiss Nikbin, Rosario Rivera-Buery, Glenn G. Oyong</i>
1:40-2:00	Impact of National Technological Policies on SMEs <i>Jose Edgar S. Mutuc</i>	SALINITY TOLERANCE OF THE JUVENILE JANITOR FISH (LORICARIIDAE: Pterygoplichthys) <i>Brion, MAC, Guillermo Jr., JGC, Uy, CA, Chavez, JM, Carandang VI, JSR</i>
2:00-2:20	Impact of behavioral factors to WIP Dynamics in a Serial Configured Push Processes <i>Dennis T. Beng Hui</i>	
	Environment	Medical Applications
2:40-3:00	Real-time Air Quality Characterization Using the DLSU Mie Lidar and Sunphotometer <i>Edgar Vallar, Kate Angelica Esguerra, Ernest Macalalad, Michael Lajara, Maria Cecilia Galvez</i>	Synthesis of two new Isonicotinoylhydrazones <i>Faith Marie G. Laguna, Glenn V. Alea, Michael Dominic M. Ajero</i>
3:00-3:20	Corrosion Assessment of a Reinforced Concrete Structure Exposed to Coastal Environment in Mariveles, Bataan <i>Engr. Ronaldo S. Gallardo and Engr. Jason Maximino C. Ongpeng</i>	Effect of Crude Extracts of Momordica charantia and Lagerstroemia speciosa on Human Salivary Alpha Amylase <i>Elisha Gabriella V. Tiu, John Oliver Ong, Nancy Lazaro Llanos</i>
3:20-3:40	Using Social Media and Social Computing System to Capture Local Wisdom on Community Disaster Preparedness <i>Ma. Victoria G. Pineda</i>	Molecular Similarity Analysis Between ent-Kaurenoic Acid and Kaurane Diterpenoids with NF-κB Inhibitory Activity <i>Jose Isagani B. Janairo, Gerardo C. Janairo, Derrick Ethelbherth C. Yu</i>
3:40-4:00	Significance of solar variability and Milankovitch cycles in the current global temperature trends <i>Emmanuel T. Rodulfo</i>	Chromosomal aberrations and molecular changes in BCR-ABL gene in Chronic Myelogenous Leukemia (CML) Patients Undergoing Chemotherapy <i>Ma. Celeste S. Soriano-Abad, Ma. Luisa D. Enriquez</i>
4:00-4:20	Geotechnical Properties of Tailing from Selected Mining Sites in the Philippines <i>Mary Ann Q. Adajar, Mac Andrew T. Gawaran, Paul A. Go, Ted P. Santos</i>	Using Genetic Algorithm and Artificial Neural Network to Classify Colonic Histopathological Images <i>Laurence A. Gan Lim, Raouf N.G. Naguib, Elmer P. Dadios, Jose Maria C. M Avila</i>

Parallel Paper Presentation Schedule

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	Y507	Y509
	Systems Automation	Nanotechnology
9:40- 10:00	Walker-Robot that Assist the Elderly <i>Ralph Averia, Claudine Centillo., Michael Chua, Lumiere Lee, Elmer P. Dadios</i>	Selective Oxidation of Fe-filled Single-walled Carbon Nanotubes by Hydrogen Peroxide <i>Joaquin Moreno, Melanie David, Hideaki Kasai</i>
10:00-10:20	Development of an Automated Malunggay Leaves Drying and Powdering Machine <i>N.T. Bugtai, J.M. Abedania, A.C.Ang, J.P Cristobal, M.P. Marasigan, E.M. Palomar</i>	Photoluminescence of Gold Nanomaterials <i>Ladines, A., Kahn, D., Castillon, G., de los Reyes, R., Santos, G. N. C., Quiroga, R. V.</i>
10:20-10:40	Modified Insecticide Bottle Filling and Capping Machine <i>Ramon Barcelon Jr., Arthur Pius Santiago</i>	A DFT-Based Design for the Different Functionalities of Carbon-based Materials <i>Melanie David, Tanglaw Roman, Hideaki Kasai</i>
10:40-11:00	An Approach to Absolute Position Tracking In Room-sized Three-Dimensional Space <i>Clement Y. Ong, Ross S. Cruz, Jason M. Macalinao, Alexis B. Macariola, Eda D.C Subido</i>	
	Applications in Education	Mathematics
11:10-11:30	Identifying Student Appraisal of Feedback Provided by ITS Using System Logs and Brainwave Data <i>Paul Salvador Inventado, Merlin Suarez, Robert Legaspi</i>	On Some Characteristics of the Digraph $\Gamma(n)$ and the Zero-Divisor Graph of the Ring \mathbb{Z}_n <i>Leonor Aquino-Ruivivar, Steven Pua, Josef Aleksander Suatengco</i>
11:30-11:50	Towards the prediction of academic-related affect of academic-achievers based on brainwaves analysis <i>Judith J. Azcarraga</i>	Modular Difference Oriented Graphs with at Most One Cycle <i>Severino V. Gervacio</i>
	Education	Empathic Computing
1:00-1:20	An Investigation of Pattern Recognition Skills of Selected First Year High School Students <i>Troy Alan A. Ong Keh, Christopher Francis B. Palmario, Ryan Jorge C. Sia, Auxencia A. Limjap</i>	Automatic Multimodal Human Identification for a Self-Improving Ambient Intelligent Empathic Space <i>Oi Hing Cheung, Marjorie Chuacokiong, Milton Go, Nicole Nielsen Lee, Merlin Teodosia Suarez</i>

1:20-1:40	Conceptual Understanding of Force Among Students of Philippine Science High School-Main Campus <i>Adrian George T. Lim, Lydia S. Roleda</i>	Affect Recognition from Acted and Spontaneous Facial Expressions <i>Marc Lanze Ivan Dy, Ivan Vener Espinosa, Paul Patrick Go, Charles Martin Mendez, Jocelynn Cu</i>
1:40-2:00	Impacts of Service-Learning Pedagogy in Plane and Solid Geometry Course in Higher Education <i>Minie Rose C. Lapinid, Lemuel S. Toledano</i>	Automatic Detection of Posture Congruence in Dyadic Interactions to Predict Rapport <i>Juan Lorenzo Hagad, Roberto Legaspi, Masayuki Numao, Satoshi Kurihara, Koichi Moriyama, Ken-ichi Fukui</i>
2:00-2:20	Design, Implementation and Evaluation of Modules on Decimals, Ratio and Proportion Using the Understanding by Design Framework <i>Dominic M. Dial, Michael I. Maya, Auxencia A. Limjap</i>	Building a Corpus of Human Behavior in the Empathic Space TALA <i>Nikka Jennifer Bautista, Manuel Cua, Jr., Jed Aureus Gonzalez, Marc Urquiola, Rhia Trogo</i>
	Molecular Adsorption and Structural Engineering	Empathic Computing
2:40-3:00	First Principles Investigation on H₂ Dissociative Adsorption and OH Adsorption on Ni(111) and CrO-Decorated Ni (111) Surfaces <i>Allan Abraham B. Padama, Melanie Y. David, Hideaki Kasai, Hiroyuki Kawai</i>	Applying Controller Area Network to an Empathic Space TALA <i>Gregory Cu</i>
3:00-3:20	First Principles Study of O₂ Adsorption and Dissociation on Graphitic Carbon Nitride (g-C₃N₄) <i>Susan M. Aspera, Hiroshi Nakanishi, Hideaki Kasai, Hiroyuki Kawai</i>	Discovering Emotions in Filipino Laughter <i>Julie Alonzo, Janelle Campita, Stephanie Lucila, Miguel Miranda, Merlin Suarez</i>
3:20-3:40	Effects of Fire Exposure on the Compressive and Tensile Strength of Polypropylene Fiber Reinforced Concrete <i>Bernardo A. Lejano, Felvin L Gurrea, Kenneth L. Ng, John Echel G. Tugado</i>	Automatic Video Segmentation Tool for Laughter Detection Based on Audio Features <i>Hans Paulo Bantiling, Stefan Ron Gadi, Jasper Charles Lee, Merlin Teodosia Suarez, John Vincent Yang</i>
3:40-4:00	Effects of Elevated Temperature on RC Beams Externally Bonded with CFRP <i>Bernardo A. Lejano, Reuben Aaron Flores, El Rey Morales, Marlon Bryan Palisoc</i>	Analysis of Timbre Features for Construction of a User-specific Affect Model for Classifying Music <i>Hal Gino P. Avisado, Joshua Alexi M. Gaverza, John Vincent U. Cocjin, Rafael A. Cabredo, Jocelynn W. Cu</i>
4:00-4:20	Assessment of Carbonation-Induced Corrosion of Vertical Structures in Binondo Using Half-Cell Potential <i>Engr. Ronaldo S. Gallardo and Engr. Jason Maximino C. Ongpeng</i>	