

Detailed Program

Tuesday 29 June 2010	
08.00 – 09.00	Registration period
09.00 – 10.30	Assemble in Convention Hall
10.30 – 11.20	Opening Ceremony Presided over by Her Royal Highness Princess Saomsawali
11.20 – 12.20	“ Environmental Implications of Emerging Technologies” presented by Prof. Dr. Eakalak Khan, Dept. Chair of Civil Engineering from North Dakota State university, USA
12.20 – 13.45	LUNCH BREAK
13.45 – 14.45	“ Trend of Nuclear Energy Policy” presented by Prof. Dr. Hironobu Unesaki, Director of Nuclear Material Management at Kyoto University’s Research Reactor Institute, Japan
14.45 – 15.00	COFFEE BREAK
15.00 – 16.00	“ sustainable Brand Management” presented by Prof. Dr. Ali Fatemi, Dept. Chair of Finance at DePaul University, USA
17.30 – 20.30	Green Night Party

Wednesday 30 June 2010	
09.00 – 09.30	Poster Presentation
Room	Jamjuree Ballroom (Session I)
Topic Chairman	Engineering & Eco & IT Dr.Krischonme Bhunkittpich
09.30 – 09.50	E - 003 Air Car Padipan Tinprabath and Nataporn Chindaprasert
09.50 – 10.10	E - 004 Econo Power Car Padipan Tinprabath, Somjai Permprasit and Supachai Lakkam
10.10 – 10.30	E - 005 The Specific Energy Consumption of Robusta Coffee Bean Separating Songwut Mongkonlerdmanee, Polrut Boonmee and Vorawit Voranavin
10.30 -	COFFEE BREAK
11.00 – 10.20	E - 015 Applying Genetic Algorithms for Inventory Lot-Sizing Problem with Supplier Selection under Storage Capacity Chirawat Woarawichai, Tarathron Kullpattaranirun and Vichai Rungreunganun
11.20 – 11.40	E - 016 An Application of GA Algorithm on Vehicle Routing Problem in a Case Study of a Bakery Company in Thailand Bell Tunjongsirigul and Pisut Pongchairerks
11.40 -	LUNCH BREAK

Chairman	Dr.Akajate Apikhajornsin
13.30 – 13.50	<p>E - 013 The Design of a Forecasting Support Models on Demand of Durian for Domestic Markets and Export Markets by Time Series and ANNs</p> <p>Nonthachoti Udomsri, Athakorn Kengpol, Ishii Kazuyshi and Shimada Youishi</p>
13.50 – 14.10	<p>E - 020 Main Causes and Prevention of Occupational Slipping Tripping and Falling in Thailand</p> <p>Chalermkiet Srisila and Yuthachai Bunternghit</p>
14.10 – 14.30	<p>E – 006 Modeling and Forecasting the Demand for Automotive Part of Foreign Markets to Thailand</p> <p>Prasert Wirotcheewan, Athakorn Kengpol, Kazyoshi Ishii and Youichi Shimada</p>
14.30 -	COFFEE BREAK
15.00 – 15.20	<p>E - 007 Modeling and Forecasting of the Supply of Durian for Consumption in Domestic and Export Markets</p> <p>Singkaew Pokterng and Athakorn Kengpol</p>
15.20 – 15.40	<p>E - 009 A Study of Appropriate Model of Unit Cost for Electricity Generation in Thailand</p> <p>Mr. Vallop Phupha, Vichai Rungreunganun, and Kusol Pimapunsri</p>
15.40 –	CLOSING

Wednesday 30 June 2010	
09.00 – 09.30	Poster Presentation
Room	Jamjuree 1 (Session II)
Topic	Green Business & Management Life Science & Environment and Textile & Design
Chairman	Dr.Chaiyaset Promsri
09.30 – 09.50	B - 002 A System Dynamics Model to Analyze Behavior of Manufacturing in Supply Chain Paitoon Vashirawongpinyo
09.50 – 10.10	B – 001 Marketing Factors, Sociological Effects and Attitudes Influencing People’s Purchase of the Book about Sufficient Economy in Bangkok Varapun Moongvicha
10.10 – 10.30	B – 003 Green Management Improves Organizational Productivity : Cases of Total Quality Management and Lean Initiatives Chark Tingsabhat and Sombat Teekasap
10.30 -	COFFEE BREAK
11.00 – 10.20	S – 001 Improvement of Efficiency in Biodegradable Packaging Process K. Sritarathorn, I. Phung-on, P. Mounjun and Eakkachai Warinsiriruk
11.20 – 11.40	S - 002 Optimization of Infrared Radiation Heating in Disinfestations of Organic Hom Mali Rice Withaya Insorn, Sukangkana Lee and Adun Janyalertadun
11.40 -	LUNCH BREAK

Chairman	Dr. Thanatas Tupmonkol
13.30 – 13.50	S - 003 Calculation of Thermoelectric Properties of Doped SrTiO ₃ Thanapol Chanapote and Anucha Yangthaisong
13.50 – 14.10	T - 001
14.10 – 14.30	T - 002
14.30 -	COFFEE BREAK
15.00 – 15.20	T - 003
15.20 – 15.40	T - 004
15.40 –	CLOSING

Wednesday 30 June 2010	
09.00 – 09.30	Poster Presentation
Room	Jamjuree 2 (Session III)
Topic	Engineering & Eco & IT
Chairman	Dr. Boonyang Plangklang
09.30 – 09.50	E - 017 Mechanical Properties of Silica-Based Geopolymer Composites Cured at Ambient Conditions in Accordance with Size-Independent Method Hung Tran Doan, P. Louda, D. Kroisova, O. Bortnovsky, and P. Bezucha
09.50 – 10.10	E – 001 Lighting Control System with Low Rate Network Green Computing System Wanapun Waiyawut
10.10 – 10.30	E – 002 Low Rate Wireless Sensor Network Green Computing for Flood Monitoring System Wanapun Waiyawut and Suthada Srikate
10.30 -	COFFEE BREAK
11.00 – 10.20	E – 011 Effect of Powder Sizes on Heat Transfer Characteristics of Miniature Sintered–Wick Heat Pipe Sophon Sinsang, Phrut Sakulchangsajatai, Pradit Terdtoon and Nettapong Sangsirakoup
11.20 – 11.40	E - 010 Temperature Reduction in Hydroponic Planting System by Using Heat Pipe Paramet Suttiprapa, Phurt Sakulchangsajatai, Nednapa Insalud and Pradit Terdtoon
11.40 -	LUNCH BREAK

Chairman	Dr. Dr. Prin Boonkanit
13.30 – 13.50	E - 019 A Smart Mobile PV-Wind Hybrid System Prototype for Isolated Electrification Boonyang Plangklang
13.50 – 14.10	E - 018 Design of an Algorithm for Tracking Symmetrical Component Based on Adaptive Algorithm Mr. Suradach Inpum
14.10 – 14.30	E - 014 Development of Civil Engineering Laboratory Professional Program (CivilLabPro) Chusak Kererat,Ekarut Ruayruay, and Suthon Rungruang
14.30 -	COFFEE BREAK
15.00 – 15.20	E - 012 Investigation of chromium carbide precipitation and corrosion behavior on stainless steel 304 for welding process development Nakarin Srisuwan
15.20 – 15.40	E - 008 Performance Analysis of Adsorption Refrigeration System with Water-Thermosyphon Cool Adsorber and Evaporator Enhanced with Near-Ultrasonic Wave Wirote Ritthong, Peerasit Chadathon, and Siripol Tongorn
15.40 –	CLOSING