

List of Presentations

Oral Presentations, November 21, 2008 (14:00-15:30)

Guideline

- Each speaker will be allowed to deliver his/her presentation within 10 minutes in prior to a 5 minute discussion and Q&A.
- An LCD projector is available for your presentation. We will not provide an overhead projector (OHP).
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Session A: Natural Sciences and Technology (Room 1)				
Time	ID	Name	Affiliation	Title
14:00-14:15	Invited Speaker	Prof. Hiroaki Kunieda	Graduate School of Science and Engineering / Communications and Integrated Systems	Introduction to TAIST Tokyo Tech
14:15-14:30	NS-A01	Anawat Suppasri	Tohoku University	Comparison among the Proposed Source Models for the 2004 Indian Ocean Tsunami
14:30-14:45	NS-A02	Tanuspong Pokavanich	Tokyo Institute of Technology	Intensive Study in Circulation and Water Quality Characteristics of Tokyo Bay
14:45-15:00	NS-A03	Chadin Chutachindakate	Kyoto University	A Study on Sediment Yield and Transportation Analysis at Managawa River Basin
15:00-15:15	NS-A04	Dedi Apriadi	Chulalongkorn University	Two Dimensional Finite Element Simulation of Natural Clay Deposit Response due to Earthquake
15:15-15:30	NS-A05	Nithiwatthn Choosakul	Kyoto University	Ground-based GPS Detecting of Atmospheric Water Vapor for Meteorological Purpose in Thailand

Session B: Natural Sciences and Technology (Room 2)				
Time	ID	Name	Affiliation	Title
14:00-14:15	Invited Speaker	Prof. Akinori Nishihara	Center for Research and Development of Educational Technology	International Distance Education between Tokyo Tech and Thailand
14:15-14:30	NS-B01	Athakorn Kengpol	King Mongkut's University of Technology North Bangkok	The Government Evaluation of Information Technology Using Group Technology Selection
14:30-	NS-B02	Teera	King Mongkut's	A Real Time Delphi System for Foresight

14:45		Siriteerakul	Institute of Technology Ladkrabang	Study of Sustainable Universal Health Coverage in Thailand
14:45-15:00	NS-B03	Komsit Prakobphol	Carnegie Mellon University	Alleviating Identity Theft in Social Network
15:00-15:15	NS-B04	Markpong Jongtaveesataporn	Tokyo Institute of Technology	Development of Thai Broadcast News Transcription System
15:15-15:30	NS-B05	Nuttida Suwanno	Prince of Songkla University	Thai Named Entity Based on SVM

Session C: Life and Health Sciences				
Time	ID	Name	Affiliation	Title
14:00-14:15	Special Talk	Phairote Teeranaipong	The University of Tokyo	A Functional SNP in CR1 Promoter Region Contributes to Protection Against Cerebral Malaria
14:15-14:30	LS-C01	Sarunporn Techasurungkul	Tokyo Medical and Dental University	Vitamin D Status and Falls, Frailty, and Fractures among Postmenopausal Japanese Women Living in Hawaii
14:30-14:45	LS-C02	Pattara Khamrin	Aino University	Evaluation of the Newly Developed Immunochromatography Test Kit For Rapid Detection of Norovirus Antigen in Stool Samples
14:45-15:00	LS-C03	Supatida Sirisawat	University of Tsukuba	Expression Analysis of Class B-MADS Genes During Flower and Ovary Development of Dendrobium Orchid
15:00-15:15	LS-C04	Arthit Makarasen	Nagoya University	Synthesis of Cereulide Analogs for Use in an Immunoassay
15:15-15:30	LS-C05	Supaporn Naknukool	Kagawa University	The Novel Basic Proteins from Duck Egg White: Structures and Functions

Session D: Humanities and Social Sciences				
Time	ID	Name	Affiliation	Title
14:00-14:15	HS-D01	Ataya Aoki	Tohoku University	Thai and Japanese Speech Behaviors in Group Discussions
14:15-14:30	HS-D02	Siriporn Peters	RMIT University	Participatory Communication Design for Sustainable Livelihoods for the Communities of People with Physical Disabilities in Thailand
14:30-14:45	HS-D03	Nuttawut Laksanapanyakul	Thailand Development Research Institute	Benefits to Thai Businesses from Japan-Thailand Economic Partnership Agreement (JTEPA)
14:45-15:00	HS-D04	Pitch Sutheerawatthana	The University of Tokyo	Influence of an Infrastructure on Subsequent Development Decisions
15:00-15:15	HS-D05	Thirapong Pipatpongsa	Tokyo Institute of Technology	New Discipline of Collaborative Research Crossing Borders thru Supercomputing Cyber-infrastructure
15:15-15:30	HS-D06	Jessada Salathong	Waseda University	Media and Education for Sustainable Development: Thailand's Newspapers Coverage of Climate Change

Oral Presentations, November 21, 2008 (16:15-18:00)

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Session E: Natural Sciences and Technology (Room 1)				
Time	ID	Name	Affiliation	Title
16:15-16:30	NS-E01	Pathomkorn Kunopast	Chulalongkorn University	Thermophysical Properties of Arylamine-based Benzoxazine Resins Alloyed with Epoxy Resin
16:30-16:45	NS-E02	Wanchat Bangsen	Chulalongkorn University	Characterization of Benzoxazine-Urethane Polymer Networks
16:45-17:00	NS-E03	Chanchira Jubsilp	Chulalongkorn University	High Thermomechanical Performance Hybrids of Dianhydride Containing Polybenzoxazine
17:00-17:15	NS-E04	Supaphorn Thumsorn	Kyoto Institute of Technology	Mechanical and Physical Properties of HDPE/Corn Starch Composite
17:15-17:30	NS-E05	Yuwa Chompoobutrgool	Kyoto University	Development of Single Chamber Solid Oxide Fuel Cell using BaLaIn ₂ O _{5.5} (BLI) Solid Electrolyte: Introduction of Sublimation Materials as Pore Former in Electrode Preparation
17:30-17:45	NS-E06	Chan Anyapo	Nagaoka University of Technology	Development of an Electric Wheelchair Using PEM Fuel Cell
17:45-18:00	NS-E07	Surawut Chuangchote	Kyoto University	High Efficient Dye-Sensitized Solar Cells Using TiO ₂ Nanoparticles / Nanofibers as Photoelectrode

Session F: Natural Sciences and Technology (Room 2)				
Time	ID	Name	Affiliation	Title
16:15-16:30	NS-F01	Kiraphat Paenduang	Thammasat University and Nagaoka University of Technology	Fatigue Crack Growth Characteristics of Friction Stir Welded AA 6063 T-5
16:30-16:45	NS-F02	Vorapong Suppakitpaisarn	The University of Tokyo	Robust Pattern Detection Using Quantum-Inspired Evolutionary Algorithms
16:45-17:00	NS-F03	Chutisant Kerdvibulvech	Keio University	Computer Vision for Thailand's Future

17:00-17:15	NS-F04	Ukrit Watchareeruetai	Nagoya University	Research on Weed Detection Methods for Precision Spraying in Lawns
17:15-17:30	NS-F05	Thamrongsak Suwanishwong	Kyoto University	An Optimal Renewal Timing Markov Model for Water Supply Pipelines System
17:30-17:45	NS-F06	Le Thanh Nam	Kyoto University	Sustainable Management of Ground Anchor Maintenance using Markov Process
17:45-18:00	NS-F07	Pongsak Suttinon	Kochi University of Technology	Sustainable Water Demand Management for Economic and Social Development in Thailand: Case of Lower Chao Phraya River Basin

Session G: Humanities and Social Sciences				
Time	ID	Name	Affiliation	Title
16:15-16:45	Invited Speaker	Assoc.Prof. Siriporn Wajjwalku	Thammasat University and Thailand Research Fund	The Social Science Research in Thailand: Current State and Future Prospects
16:45-18:00	<p>Special Seminar: <i>Choices and Challenges of Social Science Research for Sustainable Development</i></p> <p><u>Invited Speaker:</u></p> <ol style="list-style-type: none"> 1. Assoc. Prof. Siriporn Wajjawalku (Thammasat University & Thailand Research Fund) 2. Assoc. Prof. Thirapong Pipatpongsa (Tokyo Institute of Technology) 3. Dr. Pitch Sutheerawatthana (The University of Tokyo) 4. Mr. Nuttawut Laksanapanyakul (Thailand Development Research Institute) 5. Mr. Phakpoom Tippakoon (Nagoya University)- Moderator 6. Mr. Jessada Salathong (Waseda University) – Moderator 			

Poster Presentations, November 21, 2008 (15:30-16:15)

Poster size: A0 (120 cm x 84 cm) or smaller.

Poster Session: Natural Sciences and Technology			
ID	Name	Affiliation	Title
NS-P01	Weerawut Chaiwat	Kyoto University	Analysis of Biomass Pyrolysis Mechanism for Development in Reactor Design
NS-P02	Thachanan Samanmulya	Chulalongkorn University	Gasification of Cotton and Jatropha Residue Using Supercritical Water
NS-P03	Thitima Rattanavoravipa	Kyoto University	Liquid Phase Deposition of Anatase Titanium Dioxide Nanotubes Arrays and Their Performance of Hybrid Solar Cells
NS-P04	Surawut Chuangchote	Kyoto University	Electrospun Conductive Polymer Nanofibers for Organic Photovoltaic Cells
NS-P05	Pramote Puengjinda	Kyoto University	Experimental Study on the Performance of a Single-cell SOFC Prepared by Screen Printing and Co-firing process
NS-P06	Chantamane Poonjarearnsilp	Chulalongkorn University	Synthesis of Carbon Nanoparticles by Arc Discharge under Reduced Pressure Air
NS-P07	Thornchaya Satitpitakun	Chulalongkorn University	Improvement of Thermo-mechanical and UV Absorption of PMMA with ZnO Nanoparticles
NS-P08	Wasana Khongwong	Tokyo Institute of Technology	Synthesis and Characterization of SiC/SiO ₂ Core-Shell Nanowires
NS-P09	Apiluck Eiad-ua	Nagoya Institute of Technology	Production of Non-firing Ceramic from Paper Sludge Ash
NS-P10	Nattapon Samakrut	Chulalongkorn University	Characterization of Short Glass Fiber-Reinforced PC/ABS Blends
NS-P11	Teerapat Matchimapiro	Chulalongkorn University	Thermomechanical Properties of TPP-filled Polycarbonate/Acrylonitrile-Butadiene-Styrene Blends
NS-P12	Naruekamon Janjirawuttikul	Nagoya University	Acid Sulfate Soil-landform Relationships in the Lower Central Plain, Thailand
NS-P13	Wanwarang Ratananikom	Chulalongkorn University	Effect of Intermediate Principal Stress on Bangkok Clay Behavior under Quasi Simple Shear Condition
NS-P14	Sokbil Heng	Tokyo Institute of Technology	Stress Analysis of Granular Media Confined in Long Vertical Column
NS-P15	Mohammad Hossein Khosravi	Tokyo Institute of Technology	Interpretation of Ko-consolidation Processes Illustrated by Randomized Inhomogeneous Strains
NS-P16	Pakpoom Sakkamchorn	www.pimthai.com	Program "PimThai" (Typing Thai by Romanized Input)

Poster Session: Life and Health Sciences			
ID	Name	Affiliation	Title
LS-P01	Thitiworn Choosong	Kanazawa University	Workplace Environment and Personal Exposure of PM and PAHs to Workers in Natural Rubber Sheet Factories Contaminated by Wood Burning Smoke
LS-P02	Unyanee Poolsap	Kyoto University	An Integer Programming-Based Method of Predicting RNA Secondary Structure with Pseudoknots and Its Relation to Simple Linear Tree Adjoining Grammar
LS-P03	Chatchai Yachantha	University of the Ryukyus	Inhibitory Effect of Lime Powder as Natural Source of Potassium Citrate on <i>In Vitro</i> Calcium Oxalate Crystallization
LS-P04	Kwanchnok Sattasul	Ehime University	Characterization of the Amino Acid Transporter in Plant Plastids
LS-P05	Soracom Chardwiriya-preecha	Ehime University	Identification of the Vacuolar Amino Acid Transporter Genes in Fission Yeast
LS-P06	Arthit Makarasen	Kasetsart University	Bioactive Aporphine Alkaloids from Aerial Part of <i>Stephania venosa</i> (Blume) Spreng
LS-P07	Siriporn Pota	University of Tsukuba	Phylogenetic Relationship between Two Rust Fungi on <i>Allium</i> Species in Japan
LS-P08	Sonthaya Numthuam	University of Tsukuba	Rapid Determination of Bacterial Contamination in Shredded Cabbage using Dissolved Oxygen Sensor
LS-P09	Saowaluk Rungchang	Tokyo Japanese Language Education Center and Tamagawa University	Solid Extraction Study of Antioxidants from Tamarind Seed Coat

Poster Session: Humanities and Social Sciences			
ID	Name	Affiliation	Title
HS-P01	Thirapong Pipatpongsa	Tokyo Institute of Technology	Educational Drive of Tokyo Tech toward Human Resource Development in Thailand
HS-P02	Thirapong Pipatpongsa	Tokyo Institute of Technology	Outlooks of Tokyo Tech Educational Field Trip in Thailand