

The Celebration on the Auspicious Occasion of
His Majesty the King's 80th Birthday Anniversary
120th Anniversary of Thailand-Japan Diplomatic Relations, 2007

PROGRAMS and ABSTRACTS

**Educational Research Exchange
Joint Symposium (EDUREJS)**
December 13-14, 2007
Chiang Mai University, Thailand



Programs and Abstracts
EDUCATIONAL RESEARCH EXCHANGE
JOINT SYMPOSIUM

December 13-14, 2007
Chiang Mai University,
Chiang Mai, Thailand

Edited by
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and Research & International Relations Section,
Faculty of Engineering,
Chiang Mai University

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Educational Research Exchange Joint Symposium Time Table

	Dec.12(Wed)	Dec.13(Thu)	Dec.14(Fri)	Dec.15(Sat)
8:00	Arrive to Chiang Mai	8:00 – 9:15 Registration & Opening Ceremony	8:00 Leave from Hotel	Departure to Airport
9:00		9:15-10:45 Session 1.1	8:30 Leave from Hostel	
10:00		11:45-11:00 Refreshment	9:00-9:45 Lab Tour at Fac. of Science	
11:00		11:00-12:30 Session 1.2	10:00-10:45 Lab Tour at Fac. of Engineering	
12:00		12:30-13:45 Lunch & Poster Preparation	11:00-11:45 Lab Tour at Fac. of Agriculture	
13:00		13:45-15:00 Session 1.3	12:00-13:00 Lunch at UNISERV	
14:00		15:00-15:30 Refreshment	13:00-15:15 Session 2.1	
15:00		15:30-16:30 Session 1.4	15:15-15:45 Refreshment	
16:00		16:30-18:00 Intermission	15:45-17:00 CMU-KU International Exchange (Panel Discussion) Session 2.2	
17:00		18:00-20:00 Poster Session	17:30-21:00 Closing Ceremony at Amari Hotel	
18:00		20:00-22:00 Cocktail Party at UNISERV	21:00 Leave for Hotel & Hostel	
19:00				
20:00				
21:00				

Oral Presentation

Thursday 13th December, 2007

9.15 a.m.-10.45a.m. Session 1.1		Chair Person:		Assoc.Prof.Dr. Prachya Kongtawelert/ CMU		
1.1.1		KU	Mr. Arif- Ul- Hasan		Phylogeography and dispersion pattern of Anopheles farauti sensu stricto mosquitoes in Melanesia	Medicine and Agriculture
1.1.2		CMU	Prof. Dr. Saisamorn Lumyong		Induction of Xylanase Production in Thermophilic Fungus <i>Thermoascus Aurantiacus</i> SL16W	Medicine and Agriculture
1.1.3		KU	Assoc.Prof.Dr. Ikuko Tsukamoto		Physiological Activities of Rare Sugars. 1.Basic Research	Medicine and Agriculture
1.1.4		KU	Prof.Dr.Masaaki Tokuda		Physiological activities of rare sugars:Applicative research	Medicine and Agriculture
1.1.5		KU	Assoc.Prof.Dr.Goro Takata		Cloning and expression of thermostable enzyme genes from <i>Bacillus pallidus</i> and their applications for rare sugar production	Medicine and Agriculture
1.1.6		CMU	Assoc. Prof.Dr.Prachya Kongtawelert		A Novel Monoclonal Antibody Against Specific Sulfating Pattern of Chondroitin Sulfate and Its Application in Diagnosis of Diseases	Medicine and Agriculture
11.00 a.m.-12.30p.m. Session 1.2		Chair Person:		Dr.Sureeratna Lakanavichian/ CMU		
1.2.1		MU	Asst.Prof. Ryoei Ito		Application of ICT in ATRACT Project	Agriculture
1.2.2		CMU	Dr. Tanachai Pankasemsuk		Technology Transferred From ATRACT Project to Chiang Mai Food Safety	Agriculture
1.2.3		MU	Asst Prof.Tomohiro Uchiyama		The Cost Analysis of Agrochemical Usage and the Achievement of the Alternative Technologies in Northern Thailand	Agriculture
1.2.4		KU	Prof.Dr. Hisashi Kato		Research in rice allelopathy as a reduced agriculture chemical technology	Agriculture
1.2.5		KU	Prof.Dr. Michio Tanaka		Acclimatization of Phalaenopsis Clone-Plantlets by Using a Low Power Consumption Lighting System (SILHOS) with Hydroponic Cultured System in Temperature-Controlled Chamber	Agriculture
1.2.7		CMU	Dr.Panida Rattanapitigorn		Immobilized Bifidobacterium Strains and Their Survival in Freeze-Drying and Simulated Gastrointestinal conditions	Agriculture

Oral Presentation

Thursday 13th December, 2007

Chair Person:		Dr. Daruni Naphrom/ CMU	
1.3.1	CMU	Dr. Daruni Naphrom	Effect of Some Pesticides and Bio-substances on Aphid Number, Fruit Quality and Their Chemical Residue in Tangerine cv. Sai Nam Phung
1.3.2	KU	Prof.Dr. Kazuya Akimitsu	Molecular Mechanism of Specificity Controlling Susceptibility of Plant Mitochondrial Disease
1.3.3	KU	Prof.Dr. Shigeru Hayakawa	Natural Antimicrobial Proteins to Control Undesirable Microorganisms in Foods
1.3.4	KU	Assoc.Prof.Dr. Yukio Yasui	Reproductive biology of predatory mites Macrocheles muscaedomesticae (Macrochelidae) and Parasitus fimetorum (Parasitidae) inhabiting animal-manure as the natural enemies of pest flies
1.3.5	CMU	Dr. Ampan Bhromsiri	Soil Testing Kit and the Application to Reduce Chemical Fertilizer Usage
Chair Person:		Prof.Dr. Fumikazu Oohira/ KU	
1.4.1	KU	Prof.Dr. Fumikazu Oohira	Research Activities on Micro-Nano Technologies in Kagawa University
1.4.2	KU	Prof.Dr. Seiji Hata	Wide Range Nano-level 3-D shape Measurement Using Combination of Multiple Laser Light
1.4.3	KU	Mr.Hideto Yokoi	The Telemedicine Network of Kagawa Prefecture
1.4.4	CMU	Asst. Prof. Suranan Noimanee	Vital-Signs Monitoring System via Wireless Technology

Oral Presentation

Friday 14th December, 2007

Chair Person:		Assoc.Prof.Dr. Hideyuki Sawada/ KU	
1.00 p.m.-3.15 p.m Session 2.1	2.1.1	CMU	Asst.Prof.Dr. Chayanon Hansapinyo
	2.1.2	CMU	Dr. Suwit Saekho
	2.1.3	KU	Prof.Dr. Shuxiang Guo
	2.1.4	CMU	Asst.Prof.Dr. Jeerayut Chaijaruwanich
	2.1.5	CMU	Dr. Orawan Prasartwuth
	2.1.6	CMU	Asst. Prof. Dr. Sansanee Auephanwiriyaikul
	2.1.7	CMU	Assoc.Prof.Dr. Nipon Theera-Umpon
	2.1.8	KU	Assoc.Prof.Dr. Hideyuki Sawada
	2.1.9	KU	Prof.Dr. Manabu Matsushima
3.45 p.m.-5.00 p.m Session 2.2	Panel Discussion		
	2.2.1	KU	Takeshi Katayama
			New International Exchange Plans between Kagawa University (Agriculture) and Chiang Mai University
			CMU-KU International Exchange

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