

## PAPERS PRESENTED AT INTERNATIONAL CONFERENCES 2005

### Biology

1. **C. Trisonthi.** Vegetation of Doi Phuwae in Nan Province Thailand. *13<sup>th</sup> Flora of Thailand Meeting*. Ireland, 10-20 July 2005.
2. **S. Traichaiyaporn.** Ecology and Biodiversity of Freshwater Red Algae (Rhodophyta) in Thailand: Doi Inthanon National Park (I). *8th International Phycological Congress 2005 (IPC8)*. South Africa, 12-20 August 2005.
3. **Y. Peerapornpisal.** Diversity of *Microcystis* spp. and *Cylindrospermopsis* Spp. In Some Water Resources of Thailand. *8th International Phycological Congress 2005 (IPC8)*. South Africa, 13-19 August 2005.
4. **P. Chantawannakul.** 1) Honey Trade Situation in Thailand 2) Genetic Technologies for the Detection of Bee Pests and Diseases in the Field and the Laboratory. *Apimondia 2005, Honey Trade Workshop, OIE Meeting*. Ireland, 18-26 August 2005.
5. **C. Jatisatienr, U. Sarssud, S. Dheeranupattana.** 1. In Vitro Propagation, Preservation and Stevioside Production of *Stevia Rebaudiana* Bertoni. 2. Fumigant and Contact Activities of Some Thai Native Plant Extracts Against Rice Weevil (*Sitophilus Oryzae*). *International Congress and 53<sup>rd</sup> Annual Meeting of the Society for Medicinal Plant Research*. Italy, 19-28 August 2005.
6. **S. Anuntalabhochai.** 1) Mutation of *Bacillus Licheniformis* by Low Energy Ion Beam 2) Investigation of Mutation in Purple Glutinous Rice by Low Energy Ion Beam. *The 14th International Conference on Surface Modification of Materials by Ion Beams*. Turkey, 4-9 September 2005.
7. **S. Lumyong.** Bioactive Compound from Zingiberaceous Endophytic *Chaetomium Globosum* CMUZE0132: Characterization of Bioactive Compound. *Exploitation of Fungi*. United Kingdom, 5-8 September, 2005.

### Chemistry

1. **S. Phanichphant.** Dielectric Characterization of  $Ba_xSr_{1-x}TiO_3$  by Solid Solution of  $BaTiO_3$  and  $SrTiO_3$ . *The Second International Conference on Advanced Materials and Nanotechnology (AMN-2)*. New Zealand, 6-13 February 2005.
2. **S. Ounnunkad.** 1. The Effect of La Doping on Structural, Magnetic and Microstructural Properties of  $Ba_{1-x}La_xFe_{12}O_9$  Ceramics Prepared by a Citrate Combustion Process. 2. Cation Distribution and Magnetic Behavior of  $Mg_{1-x}Zn_xFe_2O_4$  Ceramics Monitored by Mossbauer Spectroscopy. *3<sup>rd</sup> International Conference on Materials for Advanced Technologies (ICMAT 2005)* and *9<sup>th</sup> International Conference on Advanced Materials (ICAM 2005)*. Singapore, 3-8 July 2005.

### Computer Science

1. **E. Boonchieng.** Development of Holistic Health Care Program for HIV Infected People in Sarapee District, Chiang Mai Province, Thailand. *Asia-Pacific Academic Consortium for Public Health*. Australia, 30 November – 4 December 2004.
2. **S. Kantabutra.** It's Elementary, My Dear Watson: Time-Optimal Sorting Algorithms on a Completely Overlapping Network. *The Third International Symposium on Parallel and Distributed Processing and Applications*. People's Republic of China, 2-5 November 2005.

## Geological Sciences

1. **S. Chantaraprasert.** Evidence for a large strike-slip duplex on the Mae Ping Fault, Thailand. *Tectonics of Strike-Slip Restraining & Releasing Bends in Continental & Oceanic Settings*. United Kingdom, 28-30 September 2005.

## Mathematics

1. **Sr. Arworn.** An Algorithm to Determine the Number of Endomorphisms on Paths. *The Application of Algebra*. Poland 8-13 March 2005.
2. **J. Sanwong.** Forcing Linearity Numbers for Multiplication Modules. *69<sup>th</sup> Workshop on General Algebra 20<sup>th</sup> Conference for Young Algebrasits*. Germany, 15-30 March 2005.
3. **C. Likasiri.** Multi-Criteria Decision Making for Carrying Capacity Analysis Problem: A Case Study on China and Sub-Saharan Africa. *The 9<sup>th</sup> International Conference on Global Business and Economic Development*. Korea, 23-29 May 2005.
4. **R. Ouncharoen.** Human Immunodeficiency Virus Infection and Immune Response. The Fourth International Conference on Information and Management Science (IMS 2005). People's Republic of China, 1-10 July 2005
5. **S. Dhompongsa.** Lim's Theorems for Multivalued Mappings in CAT(0) Spaces. *Seventh International Conference on Fixed Point Theory and Its Applications*. Mexico, 15-25 July 2005.
6. **P. Niamsup.** Analytic Solutions of Certain Functional Differential Equations. *The 13th International Conference on Finite or Infinite Dimensional Complex Analysis and Applications*. People's Republic of China, 8-12 August 2005

## Physics

1. **A. Watcharapasorn.** Growth and Characterization of Cubic Hafnium Oxide Single Crystal Fibers. *AMN-2 Second International Conference on Advanced Materials and Nanotechnology 2005*. New Zealand, 3-15 February 2005.
2. **G. Rujijanagul.** Effect of Excess PbO on Microstructure and Mechanical Properties of  $(\text{Pb}_{0.975}\text{Ba}_{0.025})\text{ZrO}_3$  Ceramics. *AMN-2 Second International Conference on Advanced Materials and Nanotechnology 2005*. New Zealand, 3-15 February 2005.
3. **K. Pengpat.** The Phase Evolution Study of  $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ - $\text{Bi}_4\text{Ti}_3\text{O}_{12}$  System. *AMN-2 Second International Conference on Advanced Materials and Nanotechnology 2005*. New Zealand, 3-15 February 2005.
4. **R. Yimnirun.** Effect of Uniaxial Stress on Dielectric Properties of Ferroelectric Ceramics. *AMN-2 Second International Conference on Advanced Materials and Nanotechnology 2005*. New Zealand, 3-15 February 2005.
5. **S. Ananta.** Phase Formation and Transitions in the Lead Magnesium Niobate-Lead Zirconate Titanate System. *AMN-2 Second International Conference on Advanced Materials and Nanotechnology 2005*. New Zealand, 3-15 February 2005.
6. **S. Jiansirisomboon.** Mechanical Properties and Crack Growth Behavior in Unpoled and Poled Ferroelectric PMN-PZT Ceramics. *AMN-2 Second International Conference on Advanced Materials and Nanotechnology 2005*. New Zealand, 3-15 February 2005.
7. **J. Tontragoon.** Phase Formation and Solubility of  $\text{Bi}_2\text{O}_3/\text{Li}_2\text{CO}_3$  in  $\text{Ba}(\text{0.98Ti-0.02}(\text{Mg}_{1/3}\text{Nb}_{2/3}))\text{O}_3$  Ceramics. *AMN-2 Second International Conference on Advanced Materials and Nanotechnology 2005*. New Zealand, 4-11 February 2005.

8. **A. Chaipanich.** Effect of Milling on the Perovskite Phase Formation of  $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$  Using the Starting Precursors  $\text{PbO}$  and  $\text{MgNb}_2\text{O}_6$ . *AMN-2 Second International Conference on Advanced Materials and Nanotechnology 2005*. New Zealand, 6-15 February 2005.
9. **G. Rujijanagul.** Phase Transition and Linear Thermal Expansion of  $(\text{Pb}_{1-x}\text{Ba}_x)\text{ZrO}_3$  Ceramics. *International Conference on Martensitic Transformations*. People's Republic of China, 13-18 June 2005.
10. **B. Soonthornthum.** Historical Records of Rare Natural Phenomena in Thailand. *2<sup>nd</sup> AOGS Annual Meeting 2005*. Singapore, 19-25 June 2005.
11. **A. Ngamjarurojana.** Synthesis, Formation and Characterization of Lead Zinc Niobate-Lead Zirconate Titanate Nanocomposite Power Via a Repid Vibro-Milling Method. *The 4<sup>th</sup> Asian Meeting on Electroceramics*. People's Republic of China. 25 June-2 July 2005.
12. **A. Watcharapasorn.** Effect of Dysprosium Oxide Addition in Bismuth Sodium Titanate Ceramics. *The 4<sup>th</sup> Asian Meeting on Electroceramics*. People's Republic of China. 25 June-3 July 2005.
13. **S. Jiansirisomboon.** Fabrication of  $\text{BaTiO}_3$ -based Composite Dispersed with  $\text{Al}_2\text{O}_3$  Nano-particulates. *The 4<sup>th</sup> Asian Meeting on Electroceramics*. People's Republic of China. 25 June-4 July 2005.
14. **S. Thongtem.** Growth of Carbon Nanoflowers on Glass Slides Using Sparked Iron as a Catalyst. *3rd International Conference on Materials for Advanced Technologies (ICMAT 2005) and 9th International Conference on Advanced Materials (ICAM 2005)*. Singapore, 2-9 July 2005.
15. **K. Pengpat.** Effects of Sintering Temperature on the Physical, Dielectric Properties of Lead-free Bismuth Sodium Lanthanum Titanate-barium Titanate. *3rd International Conference on Materials for Advanced Technologies (ICMAT 2005) and 9th International Conference on Advanced Materials (ICAM2005)*. Singapore, 3-8 July 2005.
16. **G. Rujijanagul.** Phase Formation, Piezoelectric and Mechanical Properties of  $(\text{Pb}_{1-x}\text{Ba}_x)\text{ZrO}_3$  Ceramics. *Icomat International Conference on Martensitic Transformations*. People's Republic of China, 12-19 July 2005.
17. **P. Suanpoat.** Surface Analysis on Hydrophobicity of Thai Silk Treated by  $\text{Ar}/\text{Sf}_6$  Plasma. *17th International Symposium on Plasma Chemistry, ISPC 17*. Canada, 7-12 August 2005.
18. **T. Vilaithong.** Ion Bombardment Induced Formation of Micro-Craters in Biological Cell Envelopes. *14<sup>th</sup> International Conference on Surface Modification of Materials by Ion Beams*. Turkey, 3-11 September 2005.
19. **Y. Liangdeng.** Ion Bombardment Incuded Formation of Micro-craters in Biological Cell Envelopes. *The 14th International Conference on Surface Modification of Materials by Ion Beams*. Turkey, 4-9 September 2005.

### Statistics

1. **S. Prasitwattanaseree.** Modelling of the Timing of Mother-to-Child HIV-1 Transmission as a Function of Zidovudine (ZDV) Treatment Duration in Mothers and Infants. *The 12<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI)*. United States of America, 22-25 February 2005.
2. **P. Plubin.** The Hierarchical Logistic Regression in Udder Health Status in Dairy Farm at Kamphangsean, Nakhon-Pathom, Thailand. *The 1<sup>st</sup> IMT-GT Regional Conference on Mathematics, Statistics, and Their Applications*. Indonesia, 12-16 June 2005.

3. **P. Bookkamana.** Multilevel Logistic Regression Analysis Its Applications. *The 1<sup>st</sup> IMT-GT Regional Conference on Mathematics, Statistics, and Their Applications.* Indonesia, 12-16 June 2005.
4. **S. Chooprateep.** Statistical Analysis of Knowledge and Perception of Gasohol Consumption from Vehicle Users in Chiang Mai City (Thailand). *5<sup>th</sup> Annual Hawaii International Conference on Statistics, Mathematics and Related Fields.* United States of America, 14-20 January 2006.