

The 11th CU-af Seminar (May 30, 2003)

Keynote Lecture :

“Research Trend of Nanotech in Engineering Ceramics”

by Prof. Dr. Shigetaka Wada

Research Titles and Presenters are :

Group 1 : Environment

- 1.) **“Utilization of Silica-Alumina Waste by Using as a Binder in Mercury Sulfide Sludge Solidification Process”**
by Assoc. Prof. Dr. Petchporn Chawakitchareon
- 2.) **“Combine Membrane-Trickling Filter Wastewater Treatment”**
by Assist. Prof. Dr. Khantong Soontarapa
- 3.) **“Efficiency of Colocasia Esculenta (L.) Schott (Bon Khiew and Bon CheenDumm) in Constructed Wetlands for Chromium Removal of Tannery Post-Treatment Wastewater”**
by Assoc. Prof. Dr. Thares Srisatit

Group 2 : Engineering

- 1.) **“Preparation of Silicalite Membrane for Separation of Hydrocarbons”**
by Assist. Prof. Dr. ~~Oranon~~ Chailapakul
Oranon
- 2.) **“Optical Network Design on a Multiple Ring Approach”**
by Assist. Prof. Dr. Lunchakorn Wuttisittikulkiij
- 3.) **“Experimental Study on Swirling Jet A Crossflow”**
by Assoc. Prof. Dr. Asi Bunyajitradulya

Group 3 : Health Science

- 1.) **“Effects of Russell’s Viper Venom on Human Umbilical Vein Endothelial Cells”**
by Assoc. Prof. Sopit Thamaree
- 2.) **“Glucose-6-Phosphate Dehydrogenase Deficiency in Normal and Jaundiced Newborn : A Molecular Genetics Study”**
by Assist. Prof. Dr. Suwimol Sanpawat
- 3.) **“Treatment of Cutaneous Gnathostomiasis with Ivermectin”**
by Assist. Prof. Dr. Kanyarat Kraivichain
- 4.) **“Role of Nitric Oxide and Serotonin in Modulation of Cortical Spreading Evoked Craniovascular”**
by Assoc. Prof. Dr. Anan Srikiatkhachorn