

Conference Program – Oral Presentation Schedule (updated 29.11.2015)

Written by Administrator

Friday, 20 November 2015 14:36 - Last Updated Sunday, 29 November 2015 18:21

Session 1: Chemical Process and Engineering (CPE), Room 902

Date	Time	Code	ID	Title	Presenter
November 30		2015	Chairmans: - Dr. Vu Dinh Tien (
13h30-13h50	CPE1	146	Ultrafiltration of dilute sugarcane molasses	Misra	Almendrala
13h50-14h10	CPE2	19	Conductive film by spray pyrolysis of cerium doped zinc oxide	Soorathep Kheawhom	Chulalongkorn University
14h10-14h30	CPE3	289	Production of Valuable Chemicals from Ammonia	Thanae Tapatana	Chulalongkorn University
14h30-14h50	CPE4	288	Simulations on the Effect of Base Anions and Sulfate on the Surface Properties of Polystyrene	Angela B. Pughness	University of Queensland
14h50-15h10	CPE5	50	Hydrodynamic characteristics of multistage carbon columns	Woon Joon Kim	Chulalongkorn University
15h10-15h30	CPE6	46	Long-Term Stability of a Mixed Culture Anaerobic Fermentation Process for PHA Production	Phan Dinh Tuan	Chulalongkorn University
November 30		2015	Chairmans: - Assoc. Prof. Phan Dinh Tuan (HCMC Univers		
16h00-16h20	CPE7	53	Oxidation purification of nanodiamonds in a gas-solid fluidized bed	Behrang Sedghi	Chulalongkorn University
16h20-16h40	CPE8	54	Attrition characteristics of iron ore in a gas-solid fluidized bed	Keung Kung	Chulalongkorn University
16h40-17h00	CPE9	57	Effects of internal on bubble size in a gas-solid bubbling fluidized bed	Keung Kung	Chulalongkorn University
17h00-17h20	CPE10	52	Effect of distributor types and gas properties on gas holdup in a gas-solid fluidized bed	Keung Kung	Chulalongkorn University
17h20-17h40	CPE11	51	CPFD Simulation on the Takeover Velocity in a Gas-Solid Fluidized Bed	Keung Kung	Chulalongkorn University
December 1st		2015	Chairman: - Assoc. Prof Soorathep Kheawhom (Chulalong		

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8h30-8h50	CPE12	287	Preparation of granular solid ,material for the ch	Phan Thi Binh
8h50-9h10	CPE13	248	Thermal decomposition of the waste fuel oil	Van Dieu Son
9h10-9h30	CPE14	283	Separation Of Carbon Dioxide From Flue Gas via Aqueous	Nguyen Ngoc
9h30-9h50	CPE15	236	Production of Unfired brick from Lam Dong soil	Hynd Ky Phuong

Session 2: Catalysis Adsorption and Environmental Engineering (CAT & ENG), Room 923

Date	Time	Code	ID	Title	Presenter
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November 30	2015
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Chairman: - Dr. Ardiyan Harimawan (Institut Teknologi Bandung, Indonesia)

- Assoc. Prof. Huynh Trung Hai (

13h30-13h50	ENV1	41	Characteristic of Biocorrosion on Carbon Steel by Sulfate Reducing Bacteria	Siagian Waru
13h50-14h10	ENV2	118	Innovation to recycle SiO ₂ -sourced solid waste in Glass and Ceramics	Phan Thi Binh
14h10-14h30	ENV3	120	Process Performance and Stability of Enhanced Biological Phosphorus Removal	Nguyen Ngoc
14h30-14h50	ENV4	125	Evaluation the Effect of Clay Particle and Flow Speed Velocity on Nitrogen Adsorption	Van Dieu Son
14h50-15h10	ENV5	181	Optimization of heavy metal ions removal by Activated Mussel Shell	Hynd Ky Phuong

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15h10-15h30 ENV6 144 Interaction of Nitrogen and Suspended Sediment on Water Quality of

November 30 2015 Chairman: - Prof. Vasile Parvulescu (University of Bucharest)

16h00-16h20 CAT1 23 Synthesis of N-doped ZrO₂ for photocatalytic degradation of recalcitrant

16h20-16h40 CAT2 114 Preparation of titania nanotubes and its application in photocatalysis

Ho Chi Minh City University of Technology, Vietnam

16h40-17h00 CAT3 130 Photocatalytic Degradation of Methylene Blue from Wastewater using Nano

17h00-17h20 CAT4 48 Roles of Double-Sodium salts and Water-Air-MgO Composites for CO₂

17h20-17h40 CAT5 269 The effect of the acidity and porosity of zeolites Y and MCM-22 on the

December 1st 2015 Chairman: - Dr. Nuttapol Lerksasemsan (

8h30-8h50 ENV7 290 Water footprint of shampoo product in Thailand

8h50-9h10 ENV8 79 The Influence of Illumination Changes on CO₂ Bio-Fixation and Growth

9h10-9h30 ENV9 102 Using Fluorescence Quenching Method to Study Anionic Binding

9h30-9h50 ENV10 87

Molecular Level Characterization of Dissolved Organic Matter in Aquatic Samples by Fourier Transform

Tien Tai Nguyen Institute of Chemistry, VAST

9h30-9h50 ENV11 144 Interaction of Nitrogen and Suspended Sediment on Water Quality of

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Session 3: Natural Products and Organic Chemistry (NAT), Room 816

Date	Time	Code	ID	Title	Presenter
November 30	2015	Chairman: - Prof. Kotohiro Nomura (Tokyo Metropolitan Uive			
13h30-13h50	NAT1	203	Highly Effective Decomposition of Perfluorinated Compounds	Nguyen Phuoc	
Kyoto University, Japan					
13h50-14h10	NAT2	73	Coating solution from tamarind gum for linoleic acid	Wan-Cheng, Saito, Kijima	
14h10-14h30	NAT3	291	Bisvanillin and bis aryl ether scaffolds for modulation of bacterial	Matsumoto, Baltas	
14h30-14h50	NAT4	45	Long Term Stability of a Mixed Culture Cinnamoylation Reaction	Harada, Phan	
14h50-15h10	NAT5	72	Bio-based ligands and additives for catalytic reactions using gossypol	Markus, Wong	
Leibniz Institute for Catalysis, Germany					
15h10-15h30	NAT6	199	SESQUITERPENES FROM MARINE SPONGE Dysidea	Burkhardt	
Institute of marine biochemistry, Vietnam Academic Science & Technology, Vietnam					
November 30	2015	Chairman: - Prof. Michel Baltas (
16h00-16h20	NAT7	132	Assessment of Bioactive Compounds of Indigenous Fruits in Cambodia	Riseng	
16h20-16h40	NAT8	42	Antibacterial properties of Gac (Momordica charantia) in Phnom Penh	Riseng	
16h40-17h00	NAT9	273	Optimization of the extraction process of tannin from the bark of Acacia	Phan	

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Da Nang University of Education, Vietnam

17h00-17h20 NAT10 200 Extraction and separation of sulfate polysaccharide from *Burkholderia*

Khanh Hoa University, Vietnam

17h20-17h40 NAT11 257 Bi-functional dyeing and UV protection on silk fabric dyed with Eucalyptus

Session 4: Food and Biotechnology (BIO), Room 702

Date	Time	Code	ID	Title	Presenter
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November 30 2015 **Chairman: - Dr. Wanwipa Siriwatwecha (Thammasat University)**

13h30-13h50	BIO1	170	Biosensors Designed for Environmental and Food Quality Control	Chantana Boonlathong	University of Technology, Thailand
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13h50-14h10	BIO2	142	Potential Antimicrobial and Antioxidant Activities of Plant Leaves in C	Wanwipa Siriwatwecha	Thammasat University, Thailand
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14h10-14h30	BIO3	56	Optimization of Ultrasonic and Microwave Assisted Extraction of Fungi	Chantana Boonlathong	University of Technology, Thailand
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University of Malaya, Malaysia

14h30-14h50	BIO4	292	Development of Bio-based Antimicrobials in Sugar Processing Industry	Wanwipa Siriwatwecha	Thammasat University, Thailand
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14h50-15h10	BIO5	218	Improving the survival of Lactobacillus in acidic environment	Nguyen Thanh Hoa	Ho Chi Minh University of Science, Vietnam
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15h10-15h30	BIO6	262	In Vivo Test: Effect of NaFeEDTA on Iron Absorption	Wanwipa Siriwatwecha	Thammasat University, Thailand
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University of Indonesia, Indonesia

November 30 2015 Chairman: - Dr. Wanwipa Siriwatwecha (Thammasat University)

16h00-16h20	BIO7	179	Effects of ultrasonic treatments on <i>Brasglorapha</i> <i>Deuxgathi</i> from so	Hanoi Un
16h20-16h40	BIO8	28	Using Linearly Increase Temperature to Estimate Shell Thickness Applied to	Industria

Session 5: Biofuel, Energy (ENG) and Advanced materials (MAT), Room 303

Date	Time	Code	ID	Title	Presenter
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November 30 2015 Chairman: □□□ - Prof. Mitsuru Itoh (Tokyo Institute of Techno

13h30-13h50	MAT1	24	New Challenges of Multilayer Nanofibers	Hong	Chung
13h50-14h10	MAT2	272	Effects of gypsum modified by stearamic acid on properties and morphology		Institut
14h10-14h30	MAT3	190	Preparation of mixed ZnAl		O

University of Bengkulu, Indonesia

14h30-14h50	MAT4	93	Porous Mullite-Alumina Ceramic with Torrefied Rice Husk as a Pore-	Hanoi
14h50-15h10	MAT5	271	Synthesis and characterization of Glyoxyapatite Nanorods: Effect of	Hanoi
15h10-15h30	MAT6	118	Innovation to recycle SiO ₂ -source solid waste from glass and Rice As	

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November 30 2015 Chairman: - Dr. Le Minh Vien (

16h00-16h20 ENG1 293 Microbial Oil Production: the alternative of biodiesel from material

Kasets

16h20-16h40 ENG2 25 Prediction of Standard Heat of Combustion using Artificial Neural Networks

Univers

16h40-17h00 ENG3 80 Enhancement of Biogas Production from Shrimp Processing Waste

Buraph

17h00-17h20 ENG4 27 Synthesis and ionic conducting study of In³⁺-Doped Cerium Oxide

Pyroph

Ho Chi

December 1 2015 Chairman: - Prof

8h30-8h50 ENG5 284 Innovative Japanese Technologies for Waste-to-Green Product Conversion

Tokyo Institute of Technology, Japan

8h50-9h10 ENG6 26 Holistic Implementation of a Sustainable Energy Management Program

Univers

9h10-9h30 ENG7 244 Current status of bioenergy research activities and trends in Vietnam

University of

Hanoi