

CONFERENCE PROGRAM - THE 2ND ICCFB2015

Ho Chi Minh City University of Technology, Vietnam, Oct. 30-31, 2015

<http://iccfb2015.hcmut.edu.vn/>

Day 1 - October 30, 2015

Time	Activities
18.30 - 20.30	Meeting (for Steering Committee members and Keynote-Invited Speakers and Sponsor Representative)

Day 2 - October 31, 2015

Time	Activities
08.00 - 08.30	Registration (at HCMUT)
	Plenary session (at B4 Hall, HCMUT)
08.30 - 08.50	Welcome speech 1 <i>Prof. Mai Thanh Phong</i> Chairman, The 2 nd ICCFB2015 Vice Rector, HCMUT-Vietnam
	Welcome speech 2

To be updated...

- 08.50 – 09.30 **Plenary presentation 1: Recent Progresses in Zeolite Synthesis: Beyond Traditional Common Senses**
Prof. Tatsuya Okubo, The University of Tokyo, Japan
- 9.30 – 10.10 **Plenary presentation 2: Gene Therapy Meets Cell Therapy: Applications in Regenerative Medicine**
Prof. Yu-Chen Hu, National Tsing Hua University, Hsinchu, Taiwan
- 10.10 – 10.45 ***Photograph, Coffee break and Poster Presentations***
- 10.45 - 11.25 **Plenary presentation 3: Recovery of Functional Components from Biomass using Supercritical Fluids and Pulsed Power Technologies**
Prof. Mitsuru SASAKI, Kumamoto University, Japan
- 11.25 - 12.00 **Plenary presentation 4: Energy Storage by Supercapacitors Using Graphene/Metal Oxide Nanocomposites**
Prof. Jae-Jin Shim, Yeungnam University, Republic of Korea
- 12.00 – 13.00
Lunch (at the Ngoc Lan hotel)

Oral Presentations at different Parallel Sessions

Chemical Engineering session (Place: B4 Hall)

- 13.00 – 13.20 **Elucidation of Reaction Pathway and Mechanism for Glycylglycine on the Argon-Aqueous Interface Discharge Treatment**
Prof. Mitsuru SASAKI, Kumamoto University, Japan
- 13.20 – 13.45 **Pretreatment of Biomass by Supercritical Fluid Technology**
Prof. CS Tan (Taiwan), National Tsing Hua University, Hsinchu, Taiwan
- 13.45 – 14.00 **Sulfonated Solid Acid Catalyst Performance on Esterification reaction of Waste Cooking Oil**
Dr. Iryanti F. Nata, Lambung Mangkurat University, Indonesia
- 14.00 – 14.15 **High Performance Polymer Solar Cells based on Low Bandgap Polymers**
Prof. Show-An Chen, National Tsing Hua University, Hsinchu, Taiwan
- 14.15 – 14.30 **Biosensor based on Electrospun CuO/Ag Nanofibers**

Dr. Doan Van Hong Thien, Can Tho University, Vietnam

14.30 – 14.45 **Post Combustion Carbon Dioxide Capture by Absorption Using Dilute Aqueous Ammonia: a Process System Engineering Perspective**

Prof. DAVID SHAN HILL WONG, National Tsing Hua University, Hsinchu, Taiwan

14.45 – 15.00 **Characterization and bonding situation of catalyzed asymmetric palladium-PEPPSI complexes with carbon-heteroatom and analogues**

Dr. Nguyen Thi Ai Nhung, Hue University of Sciences – Hue University, Vietnam

15.00 – 15.15 *Coffee break*

15.15 – 15.30 **Functional Nanoparticles for Emerging Applications**

Prof. De-Hao Tsai, National Tsing Hua University, Hsinchu, Taiwan

15.30 – 15.45 **Microwave-assisted synthesis of mesoporous RGO@(Co,Mn)₃O₄ nanocomposite for supercapacitor application**

Ms. Charmaine Lami, Yeungnam University, Republic of Korea

15.45 – 16.00 **A highly surface-enhanced Raman scattering of R6G molecules on gold nanocages modified the negative/positive charge on their surfaces**

Dr. Tran Thi Bich Quyen, Can Tho University, Vietnam

16.00 – 16.15 **Low temperature solution processed Manganese tetroxide nanoparticles for the applications in electrochemical supercapacitors**

Ms. My-Phuong Thi Bui, Chonbuk National University, Republic of Korea

16.15 – 16.30 **Response Surface Methodology Optimization for Extraction of Flavonoids and Antioxidant Capacity from Soybean Seeds**

Ms. Duong Thi Phuong Lien, Can Tho University, Vietnam

16.30 – 16.45 **Effect of Anions on the Morphology of Co₃O₄/Reduced Graphene Oxide Designed for Supercapacitors**

Ms. Thi Toan Nguyen, Yeungnam University, Republic of Korea

16.45 – 17.00 **Photocatalytic Degradation of Rhodamine B Dye in Aqueous Solutions under Visible Light using Ag Nano Doped TiO₂ by γ -Irradiation Method**

Ms. Vo Thi Thu Nhu, HCM University of Technology and Education, Vietnam

17.00 – 17.15 **A New Strategy of Microsphere Drug Delivery for Liver Cancer Treatment**

Mr. Tse-Yu Tang, National Tsing Hua University, Hsinchu, Taiwan

17.15 – 17.30 **Fabrication of Fe₃O₄/Graphene oxide nanocomposites for lead ions removal**

Ms. Phan Thi Hoai Diem, Ho Chi Minh City University of Technology, Vietnam

17.30 – 17.35 Closing remarks

Biotechnology session (Place: Room 408, A4 Building)

13.00 – 13.25 **Invited Speak: Recent advances in Gene therapy and Cell therapy in Viet Nam**

Prof. Nguyen Van Kinh, Super Advisor, Gene Therapy Center, Bach Mai Hospital, Vietnam

13.25 – 13.50 **Invited Speak: Sustainable Utilization of Biomass Resources and Organic Waste**

Prof. Kiyohiko Nakasaki, Tokyo Institute of Technology, Japan

13.50 – 14.05 **The association of p21-activated kinase (PAK)-1 with aggressive tumor behavior and a poor prognosis of head and neck cancer**

Prof. Jisoo Park, Chungnam National University, Republic of Korea

14.05 – 14.20 **Direct Bioethanol Production from Neoagarbiose by Recombinant Yeast**

Ms. Syazni Binto ZAINUL KAMAL, Tokyo Institute of Technology, Japan

14.20 – 14.35 **Anti-inflammatory effects of fucoidan added with Sodium alginate/gelatine 3D scaffolds in BV2 microglial cells**

Mr. Nguyen Van Tinh, Pukyong National University, Republic of Korea

14.35 – 14.50 **The molecular role of S6K1-mediated mitochondrial morphology and function**

Mr. Tran Quang Don, Chungnam National University, Republic of Korea

14.50 – 15.05 **Angiotensin I converting enzyme inhibitory peptide purified from *Spirulina*, suppresses against angiotensin II-induced endothelial cell dysfunction via blocking p38 activities**

Mr. Seong-Yeong Heo, Pukyong National University, Republic of Korea

15.05 – 15.20 *Coffee break*

- 15.20 – 15.45 **Invited Speak: *Streptomyces* hormones control antibiotic production in actinomycetes**
Prof. Shigeru Kitani, International Center for Biotechnology, Osaka University, Japan
- 15.45 – 16.00 ***In vitro* anti-melanogenesis and anti-oxidant activity of a tetrameric peptide purified from microalgae *Pavlova lutheri* in B10F10 melanoma cells**
Mr. Gun-Woo Oh, Pukyong National University, Republic of Korea
- 16.00 – 17.00 **Special workshop and Research grant program on Oligo Synthesis**
Topic 1: Gene synthesis - Can we do it ourselves?
Dr. Le Quang Hoa, Hanoi University of Science and Technology, Vietnam
Topic 2: Visual detection of end-point PCR products by using temperature-dependent technology
Mr. Nam NGO, Director, Phusa Biochem Ltd. Company, Vietnam
Topic 3: Introduction of a research grant program on Oligo Synthesis
(for Vietnamese young scientists, funded by Phusa Biochem Ltd. Company)
- 17.00 – 17.20 **Recruitment of Master and Doctoral students** (by *Prof. Yu-Chen Hu*, NTHU, Taiwan)
- 17.20 – 17.30 *Closing remark*

Food Technology session (Place: Room 407, A4 Building)

- 13.00 – 13.20 **Inactivation of Mold spores in cereals under atmospheric argon plasma jet treatment**
Dr. Trinh Khanh Son, Ho Chi Minh City University of Technology and Education, Vietnam
- 13.20 – 13.40 **Comparison of ultrasound-assisted treatments in cassava starch hydrolysis for improvement in hydrolytic degree**
Dr. Tran Thi Thu Tra, Ho Chi Minh University of Technology, HCM City, Vietnam
- 13.40 – 14.00 **Saccharification of *Chaetomorpha* sp. residue with cellulolytic enzymes**
Mr. Nguyen Minh Hai, Saigon Technology University, Vietnam
- 14.00 – 14.20 **Effect of salicylic acid treatment on quality and chilling injury of mangosteen fruits during low temperature storage**
Mr. Tran Dinh Manh, Southern Horticultural Research Institute, Vietnam
- 14.20 – 14.40 **Development of Oxidized Chitosan as an Antiscalant in sugar Processing**

Ms. Tu Phuong Pham Le, Sirindhorn International Institute of Technology, Thailand

14.40 – 15.00 **Enzymatic Hydrolysis Coconut Oil with Several Lipases**

Ms. Nguyen Thi Ai Van, Industrial University of HCMC, Vietnam

15.00 – 15.20 *Coffee break*

15.20 – 15.40 **Radicals Scavenging Activity of Crude and Deproteinized Exopolysaccharides from Cultured Cordyceps Sinensis**

Ms. Vu Thi Tuoi, University of Science, Vietnam National University HCMC

15.40 – 16.00 **Optimization of enzymatic treatment for production of yeast extract powder from brewer's yeast**

Ms. Tran Thi Minh Kieu, Tay Nguyen University, Dak Lak Province, Vietnam

16.00 - 16.20 **Fabrication of graphene/poly (vinyl alcohol) nanocomposite membranes for pervaporation dehydration of ethanol**

Ms. To Lan Anh, Ho Chi Minh University of Technology, HCM City, Vietnam

16.20 - 16.30 Closing remarks

18.30 – 20.30 **Gala Dinner (at the Buffet De Nhat – First Hotel)**