



CONFERENCE PROGRAM - THE 3RD ICCFB2017
Ho Chi Minh City University of Technology, Vietnam, Oct. 12-13, 2017
<http://iccfb.hcmut.edu.vn/>

Day 1 - October 12, 2017

Place: Athena Hotel, Floor 10 (Address: 280 To Hien Thanh, District 10, HCMC)

Time	Activities
17.00 - 18.30	Registration
18.30 - 20.30	Welcome Dinner

Day 2 - October 13, 2017

Place: Ho Chi Minh City University of Technology (Venue: B4 building, 268 Ly Thuong Kiet street, District 10, HCMC)

Time	Activities
08.00 - 09.00	Registration (B4 Hall, HCMUT)
	Plenary session
	<i>MC: Ms. Pham Kieu Ngan (HCMUT, Vietnam)</i>
09.00 - 09.10	Opening remark <i>Prof. Mai Thanh Phong</i> Vice-Rector, Ho Chi Minh City University of Technology, Vietnam
	<i>Session chairs: Prof. Phan Thanh Son Nam (HCMUT, Vietnam) & Prof. Ir. Dr. Zainal Ahmad (USM, Malaysia)</i>



09.15 – 09.45 **Plenary presentation 1: Applications of Eco-friendly Aerogel Materials from Environmental Waste**

Dr. Hai M. Duong, National University of Singapore, Singapore

9.45 – 10.15 **Plenary presentation 2: Molecular mechanism of souring caused by *Desulfotignum* species screened from the culture medium of crude oil and seawater**

Prof. Yasunori Tanji, Tokyo Institute of Technology, Japan

10.15 – 10.45 ***Photograph and Coffee break***

Session chairs: Dr. Hai M. Duong (NUS, Singapore) and Prof. Le Thi Kim Phung (HCMUT, Vietnam)

10.45 - 11.15 **Plenary presentation 3: Multiple Neural Networks (MNN): Techniques and Application**

Prof. Ir. Dr. Zainal Ahmad, Universiti Sains Malaysia, Malaysia

11.15 - 11.45 **Plenary presentation 4: Green materials contribution for energy efficiency, user comfort and environmental protection**

Mr. Sasama Tomoyuki, Dow Chemical Vietnam LLC

11.45 – 12.00 **Certificate and Gift of Recognition**

12.00 – 13.30 *Lunch (at the BK Food Count B4, Floor 2)*

Oral Presentations at different Parallel Sessions

Catalyst and Material Engineering session (Venue: Room 301, B4 Building)

Session chairs: Dr. Hai M. Duong (NUS, Singapore) & Prof. Huynh Ky Phuong Ha (HCMUT)

13.45 – 14.05 **Influence of amino acid residues near the active site of cytochrome P450 from *Bacillus megaterium* on the selectivity of n-octane oxidation to octanol regioisomers**

Akimitsu Miyaji and Toshihide Baba



14.05 – 14.25 **Facile Preparation of ZIF-8 at Room Temperature Under Ultrasound and Application in Dye Removal**

Ba Luan Tran and Bor Kae Chang

14.25 – 14.45 **Hydroprocessing of Rubber Seed Oil to Renewable Fuels**

Tran Tan Viet, Phung Minh Tri

14.45 – 15.05 **H₂S removal at room temperature using extruded sorbents: experimental and modeling study**

Nguyen Quang Long, Tran Xuan Loc, Vu Tam Dinh, Ngo Thanh An

15.05 – 15.45 **Coffee break and Poster Presentation**

Session chairs: Dr. Akimitsu Miyaji (Tokyo Tech) & Dr. Huynh Tien Phong (HCMUT)

15.45 – 16.05 **Synthesis of Chitosan/Graphene Oxide Nanocomposites for Methylene Blue Adsorption**

Hieu Nguyen H., Huyen Nguyen T. M., Trang Pham T. T. and Dat Nguyen M.

16.05 – 16.25 **Synthesis copolymer use to reduce pour point temperature of Diamond crude oil**

Dao Viet Than, Thai Hong Chuong, Dao Quoc Tuy

16.25 – 16.45 **Development of solid lipid nanoparticles (SLN) of gac (*Momordica Cochinchinensis*) oil - Influence of process parameters**

Huynh Cang Mai, Thi Thanh Thuy Le, Phuoc Hung Tran and Thi Hong Nhan Le

16.45 – 17.05 **Preparation of RHA-silica/Graphene Oxide Nanocomposite for Removal of Nickel ions from water**

Tran Thi Thuy Tien, Tran Hoang Tu, Huynh Nguyen Phuong Thao, Nguyen Huu Hieu

17.05 – 17.10 Closing remarks



Biotechnology and Food Technology session (Venue: Room 302, B4 Building)

Session chairs: Prof. Tanji (Tokyo Tech) & Prof. Le Van Viet Man (HCMUT)

13.45 – 14.05 **Identification of the Enzyme in Mangrove Soil Microbacterium sp. R3 that Acetylates Ciprofloxacin**

Le Phi Nga, Nhi Thi-Phuong Nguyen, Binh Thi-My Pham

14.05 – 14.25 **Characteristics of *Tacca leontopetaloides* L. Kuntze collected from An Giang in Vietnam**

Quan Thi Hong Vu, Phung Thi Kim Le, Tam Kim Minh Nguyen, Huy Pham Hoang Vo and Triet Thanh Nguyen

14.25 – 14.45 **Antimicrobial and Antioxidant Properties of The Flavonoid Extract From *Raphanus sativus* L.**

Thi Kim Ngoc Pham, Nguyen Thi Minh Nguyet and Thi Anh Dao Dong

14.45 – 15.05 **Chemical Constituents of *Breynia Vitis-idaea* (Burm. F.) C. E. C. Fischer**

Nguyen Kim Minh Tam, Thao-My Nguyen, Le Xuan Tien

15.05 – 15.45 **Coffee break and Poster Presentation**

Session chairs: Prof. Le Phi Nga (HCMUT)

15.45 – 16.05 **Phage-based detection of *E. coli* O157:H7 in food samples**

Hoang Anh Hoang, Michiharu Abe, Kiyohiko Nakasaki, Nguyen T.T. Nhung

16.05 – 16.25 **Effect of Ultrasonic Pre-Treatment on the Physiochemical Properties of Cold Pressing Extracted Rice Bran Oil**

Phan Van Man, Tiraporn Junyusen, Pansa Liplap, Payungsak Junyusen

16.25 – 16.30 Closing remark

Process Control and Environmental Engineering session (Venue: Room 303, B4 Building)

Session chair: Prof. Ir. Dr. Zainal Ahmad (USM, Malaysia) & Dr. Dinh Sy Khang (HCMUNRE, Vietnam)



- 13.45 – 14.05 **Computational Fluid Dynamics Modeling of Rice Husk Combustion**
Pham Vuong Viet, Le Anh Kien
- 14.05 – 14.25 **Multivariable optimization of ammonia synthesis reactor using genetic algorithm**
Nguyen Thi Anh-Nga, Nguyen Tuan Anh, Vu Tien Dung, Nguyen Kim-Trung
- 14.25 – 14.45 **Modelling and Simulation of A Pervaporation Process Using Tubular Module for Production of Anhydrous Ethanol**
Hieu Nguyen H.
- 14.45 – 15.05 **Biohydrogen Production from Cassava Starch by Anaerobic Mixed Cultures: Multivariate Statistical Modeling**
Minh Hai Tien, Anh Kien Le and Thi Kim Phung Le
- 15.05 – 15.45 **Coffee break and Poster Presentation**
Session chair: Prof. Nguyen Quang Long (HCMUT)
- 15.45 – 16.05 **Detection and treatment of trimethoprim residues in water: a new approach**
Nam D. Le, Thang M. Ngo
- 16.05 – 16.25 **Fabrication of Carbon Nanotube Paste Electrode for Determination of Cd(II) and Pb(II) Ions**
Tran Duy Hai and Tran Le Hai
- 16.25 - 16.45 **Highly Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Imines and an Application to a Formal Total Synthesis of Manzacidin C**
Thu. M. T. Tong, T. Soeta, T. Suga, K. Kawamoto, Y. Hayashi, Y. Ukaji
- 16.45 - 16.50 Closing remarks