



***2017 International Conference  
on Environmental Sustainability***

**Conference Program**

*June 1, 2017*

*International Conference Center, Tainan, Taiwan*

**Organized by  
Chia Nan University of Pharmacy and Science, Taiwan**

## ***CONFERENCE ORGANIZING TEAM***

### **Conference Chair**

Prof. Dr. **Chien-Min Chen**, Chia Nan University of Pharmacy and Science,  
Taiwan

### **Conference Co-Chair**

Assoc. Prof. Dr. **I-Ming Chen**, Chia Nan University of Pharmacy and  
Science, Taiwan

### **Members**

Prof. Dr. **Jeyong Yoon**, Seoul National University, Korea

Prof. Dr. **Ying-Feng Lin**, Chia Nan University of Pharmacy and Science,  
Taiwan

Assoc. Prof. Dr. **Hsiao-Lin Huang**, Chia Nan University of Pharmacy and  
Science, Taiwan

Assoc. Prof. Dr. **I-Ming Chen**, Chia Nan University of Pharmacy and  
Science, Taiwan

Assoc. Prof. Dr. **Ko-Chun Chen**, Chia Nan University of Pharmacy and  
Science, Taiwan

Prof. Dr. **Ming-Chun Lu**, Chia Nan University of Pharmacy and Science,  
Taiwan

Prof. Dr. **Meng-Wei Wan**, Chia Nan University of Pharmacy and Science,  
Taiwan

Prof. Dr. **Chih-Hsiang Liao**, Chia Nan University of Pharmacy and Science,  
Taiwan

Prof. Dr. **Chi-Chuan Kan**, Chia Nan University of Pharmacy and Science,  
Taiwan

Assoc. Prof. Dr. **Jih-Ming Chyan**, Chia Nan University of Pharmacy and  
Science, Taiwan

Assoc. Prof. Dr. **Chien-Jung Lin**, Chia Nan University of Pharmacy and  
Science, Taiwan

Asst. Prof. **Ching-Shan Hsu**, Chia Nan University of Pharmacy and Science,  
Taiwan

## Registration & Conference Opening

08: 30 – 12: 00; International Conference Center

08: 30 – 09: 00	<b>Registration</b>
09: 30 – 10: 00	<b>Registration (3F, International Conference Center)</b>
10: 00 – 10: 10	<b>Opening Ceremony</b> Welcome address by Conference Chair, Chien-Min Chen ( <i>Chia Nan University of Pharmacy and Science, Taiwan</i> )
10: 10 – 11: 10	<b>Keynote lecture-I</b> <b>The role of appropriate technology for sustainable development</b> By Professor Jeyong Yoon ( <i>Seoul National University, Korea</i> )
11: 10 – 12:10	<b>Keynote lecture-II</b> <b>Ultrasound and heat enhanced persulfate oxidation activated with Fe<sup>0</sup> aggregate for the decolourization of C.I. Direct Red 23</b> By Professor Chih-Huang Weng ( <i>I-Shuo University, Taiwan</i> )
12: 10 – 13: 30	<b>Lunch (2F, International Conference Center)</b>
<b>Oral Presentation Program</b> <b>(Room-E602 6F, Environmental Sustainability Building)</b>	
13:30 – 13:50	<b>Effect of Fenton Reagents on the Degradation of Imidacloprid in Binary Mixture with Propylene Glycol by Fluidized-Bed Fenton Process</b> <i>Carl Francis Z. Lacson, Mark Daniel G. de Luna, Sergi Garcia-Segura, Ming-Chun Lu</i>
13:50 – 14:10	<b>Synthesis of Magnetic Chitosan-MnFe<sub>2</sub>O<sub>4</sub> by Low-Temperature Combustion Technique for the Removal of Cu (II) Ions from Aqueous Solution</b> <i>Manny Anthony M. Taguba, Mark Daniel de Luna, Chi-Chuan Kan</i>

14:10 – 14:30	<p><b>Biosorption of Cr(VI) and Zn(II) from Aqueous Solutions onto Kaolin-Supported Bacterial Biofilms of E. Coli and S. Epidermidis</b></p> <p><i>Khyle Glainmer N. Quiton, Bonifacio T. Doma, Jr., Chi-Chuan Kan, Sung-Pin Tseng, Hui-Ling Yang, Meng-Wei Wan</i></p>
14:30 – 14:50	<p><b>Copper Recovery by Fluidized Bed Homogeneous Granulation Process</b></p> <p><i>Karnsinee Lertratwattana, Patiya Kemacheevakul, Ming-Chun Lu</i></p>
14:50 – 15:20	<p><b>Coffee Break (6F, Environmental Sustainability Building)</b></p>
15:20 – 15:40	<p><b>Effect of Chloride on Zinc Removal by Fluidized-Bed Homogeneous Granulation Process</b></p> <p><i>Nutnapong Udomkitthaweevat , Jin Anotai, Nonglak Boonrattanakij, Ming-Chun Lu</i></p>
15:40 – 16:00	<p><b>Degradation of Imidaclopid by Using Fluidized Bed Fenton Process</b></p> <p><i>Suppakarn Kruthom, Nonglak Boonrattanakij, Ming-Chun Lu</i></p>
16:00 – 16:20	<p><b>Assessment of Management Performance on Landscape Water</b></p> <p><i>Jih Ming Chyan, Shu-Hui Yen, Floradelle Aboga Vega, Rose Marie O. Mendoza</i></p>
16:20 – 16:40	<p><b>Flow Constructed Wetland by Intermittent Aeration and Bio-Gravel Wall</b></p> <p><i>Jih Ming Chyan, Rachapol Sooksomboon, Jin Anotai, Parinda Thayanukul, I-Ming Chen</i></p>
16:40 – 17:20	<p><b>Closing Ceremony/to be held at Room-E602 (Environmental Sustainability Building)</b></p>