

# IFAT 2021

## International Forum on Advanced Technologies

### Agenda

**Organizer:** National Taiwan University of Science and Technology  
Tokushima University

**Date:** March 15th (Monday), 2021

**Time:** 13:50-16:20 (Taiwan) ; 14:50-17:20(Japan)

**Meeting Type:** Web

#### Program at a glance:

Time(Taiwan)	Time(Japan)	Agenda
13:50-14:00	14:50-15:00	<b>Opening Ceremony</b> (Welcome speech & Web group photo)  <b>Taiwan Tech:</b> Prof. Jhy-Chern Liu, Vice Principal  <b>Tokushima University:</b> Prof. Hideo Yamanaka, Dean of Faculty of Science and Technology
14:00-16:15	15:00-17:15	<b>Oral Presentation</b>
16:15-16:20	17:15-17:20	<b>Closing Ceremony</b>  <b>Taiwan Tech:</b> Prof. Shao-Ju Shih, Vice Dean of Academic Affairs  <b>Tokushima University:</b> Prof. Mikito Yasuzawa, Vice Dean of International Affairs, Faculty of Science and Technology

# Oral Presentation

Time(Taiwan)	Time(Japan)	Titel
14:00-14:15	15:00-15:15	Thanh-Tham Tran <sup>1</sup> , Ngoc-Ngan Thi Tran <sup>1</sup> , Shigeru Sugiyama <sup>2</sup> and Jhy-Chern Liu <sup>1*</sup> <b>Enhanced Phosphate Removal by Thermally Pretreated Waste Oyster Shells</b>
14:15-14:30	15:15-15:30	Shigeru Sugiyama <sup>1*</sup> , Kenta Imanishi <sup>1</sup> and Jhy-Chern Liu <sup>2</sup> <b>Recovery of Phosphorus by Citric Acid Treatment of Dephosphorization Slag</b>
14:30-14:45	15:30-15:45	Narutoshi Nakata <sup>1*</sup> and Pei-Ching Chen <sup>2</sup> <b>Hybrid Simulation with Discrete Element Models</b>
14:45-15:00	15:45-16:00	Xanno K. Sigalingging <sup>1*</sup> , Salzinger Jules <sup>1</sup> , Jenq-Shiou Leu <sup>1</sup> , Takafumi Katayama <sup>2</sup> , and Tian Song <sup>2</sup> <b>A Study of Smoothness in Neural ODEs</b>
15:00-15:15	16:00-16:15	Hiroki Kishikawa <sup>1*</sup> , Nobuo Goto <sup>1</sup> , Shien-Kuei Liaw <sup>2</sup> and Jiun-Yu Sung <sup>2</sup> <b>Reference Beam-Assisted Adaptive Compensation for Atmospheric Turbulence-Induced Phase Fluctuation on Beams Carrying Orbital Angular Momentum</b>
15:15-15:30	16:15-16:30	Hitoshi Mizuguchi <sup>1*</sup> , Soma Fujiki <sup>1</sup> , Masatsugu Oishi <sup>1</sup> , Toshio Takayanagi <sup>1</sup> , Jun-De Zhan <sup>2</sup> , and Min-Hsin Yeh <sup>2</sup> <b>Introduction of Non-enzymatic Catalysts on a Track-Etched Microporous Membrane Electrode for the Selective Detection of Uric Acid</b>
15:30-15:45	16:30-16:45	Akihiro Furube <sup>1*</sup> , Yutaro Maki <sup>1</sup> , Tetsuro Katayama <sup>1</sup> , Liang-Yih Chen <sup>2</sup> <b>Ultrafast Carrier Dynamics in Hematite Photoanode Decorated with Au nanorods under NIR Plasmon Excitation</b>
15:45-16:00	16:45-17:00	Henni Setia Ningsih, Leonhard Tannesia and Shao-Ju Shih <sup>*</sup> <b>Synthesis and in vitro cytotoxicity of mesoporous <math>\beta</math>-tricalcium phosphate using the spray drying method</b>
16:00-17:15	17:00-17:15	Yu-Hsuan Huang <sup>1</sup> , Yi-Ju Hsieh <sup>1</sup> , Masatsugu Oishi <sup>2</sup> , and Shao-Ju Shih <sup>1*</sup> <b>Preparation and characterization of hollow granulated phosphor micron-spheres</b>