

# The International Symposium of YU-COE(C) AFTEC and HECT

November 30 (Thu), 2017

Venue: The Mirai Hall, 2<sup>nd</sup> Floor, Building 11, Yamagata University, Yonezawa, Japan (4-3-16 Jonan, Yonezawa, Yamagata, Japan)

9:00-9:20	<p style="text-align: center;">Opening Remark  <b>Akihiro Nishioka, AFTEC</b>  <b>Yoshimune Nonomura, HECT</b></p>		
<b>Lectures</b> (35 minutes presentation and 5 minutes Q&A)			
Time	Title	Speaker	Affiliation
	Chair: Yoshimune Nonomura, Yamagata University		
9:20-10:00	Capillary Array-Based Microanalytical Devices Toward Healthcare Applications	<b>Prof. Hideaki Hisamoto</b>	Osaka Prefecture University Japan
10:00-10:40	Porphyrin Derivatives as Ligand for Radiopharmaceutical	<b>Prof. Daryono Hadi Tjahjono</b>	Bandung Institute of Technology Indonesia
10:40-11:00	Coffee break		
	Chair: Tomonori Koda, Yamagata University		
11:00-11:40	The effect of amorphous rice flour on gluten free products	<b>Prof. Chukwan Techakanon</b>	Prince of Songkla University Surathani campus Thailand
11:40-12:00	Group photo		
12:00-13:00	Executive meeting @cafe Azuma		
	Chair: Ken Miyata, Yamagata University		
13:00-13:40	Development of Gluten Free Product from Pigmented Rice Flour	<b>Prof. Somwang Lekjing</b>	Prince of Songkla University Surathani campus Thailand
13:40-14:20	Pregelatinized binary starch blends: case study with cassava and rice	<b>Prof. Taewee Karrila</b>	Prince of Songkla University Pattani campus Thailand
14:20-14:40	Coffee break		
14:40-15:30	Short Presentation of Poster		
15:30-16:30	Poster presentation		
17:00-20:00	Mixer @cafe Azuma		

Poster presentation

- A 0 1 「Biological Active Compounds produced by *Paraconiothyrium* sp. SW-B Isolated from Seaweed」  
Takuma Suzuki, Shiono Yoshihito  
Graduate School of Agricultural Sciences, Yamagata University, Japan
- A 0 2 「New Meroterpenoids from *Pseudocosmospora* sp. Bm-1-1」  
Tomoki Nakamura, Shiono Yoshihito  
Faculty of Agriculture, Yamagata University, Japan
- A 0 3 「New Metabolites Produced by Endophytic Fungus *Nectria pseudotrichia* 120-1NP」  
Nanang Rudianto Ariefta, Shiono Yoshihito  
Graduate School of Agricultural Sciences, Yamagata University, Japan
- A 0 4 「An *Aspergillus oryzae* tannase: cloning and expression of *AotanB* gene and characterization of the recombinant enzyme」  
Kyo-taro Ichikawa, Katsuto Sasaki, Yoshihito Shiono, Takuya Koseki  
Faculty of Agriculture, Yamagata University, Japan
- A 0 5 「A novel *Aspergillus oryzae* diglycosidase that hydrolyzes 6-*O*- $\alpha$ -L-rhamnosyl- $\beta$ -D-glucoside from flavonoids」  
Mayu Kawasaki, Mai Ishikawa, Yoshihito Shiono, Takuya Koseki  
Faculty of Agriculture, Yamagata University, Japan
- A 0 6 「Novel metal-free pyridine synthesis: Application of anibamine synthesis」  
Takeru Miyakoshi, Hiroyuki Konno  
Graduate School of Science and Engineering, Yamagata University, Japan
- A 0 7 「Improvement of mechanical properties of starch-reinforced CP bone paste by controlling particle sizes of starting ingredients」  
Yasuhiro Watarai, Kawai Takahiro  
Graduate School of Science and Engineering, Yamagata University, Japan
- A 0 8 「Odors adsorption behavior of heavy metal cation incorporated hydroxyapatite」  
Erika Soma, Kawai Takahiro  
Graduate School of Science and Engineering, Yamagata University, Japan

- A 0 9 「Application of Glycidate to Green Materials」  
Yutaka Nakazawa, Yoshimasa Matsumura, Bungo Ochiai  
Graduate School of Science and Engineering, Yamagata University, Japan
- A 1 0 「Reconstruction of chemical model for Reaction-Diffusion phenomena;  
modification of spatiotemporal regularity for Liesegang pattern」  
Masaki Itatani, Hideki Nabika  
Graduate School of Science and Engineering, Yamagata University, Japan
- A 1 1 「Permeation of Hydrogen Peroxide across Lipid Bilayer Characterized by  
Chemiluminescence Method」  
Yuya Ouchi, Hideki Nabika  
Graduate School of Science and Engineering, Yamagata University, Japan
- A 1 2 「Cloning and expression of chitinase genes from *Lysobacter enzymogenes* MK9-1」  
Haruki Kanno, Yuzuru Takahashi, Shigekazu Yano  
Faculty of Engineering, Yamagata University, Japan
- A 1 3 「Selective Bactericidal Activity of Divalent Metal Salts of Lauric Acid」  
Yoshiaki Yamamoto, Toshiya Morikawa, Takahiro Kawai, Yoshimune Nonomura  
Graduate School of Science and Engineering, Yamagata University, Japan
- A 1 4 「Effects of fatty acid addition to oil-in-water emulsions stabilized with sucrose fatty acid  
ester」  
Takamasa Watanabe, Takahiro Kawai, Yoshimune Nonomura  
Graduate School of Science and Engineering, Yamagata University, Japan
- A 1 5 「Effect of Addition of Amorphous Rice Flour on Baking Quality of Pure Rice Bread」  
Hiroko Yano, Tomonori Koda, Ken Miyata, Taichi Nishio, Naoko Fujita,  
Akihiro Nishioka  
Graduate School of Organic Materials Science, Yamagata University, Japan

- A 1 6 「Effect of Cellulose Nanofibers on Rice Bread Moisture Retention」  
Kanae Ohki, Tomonori Koda, Ken Miyata, Taichi Nishio, Haruo Konno,  
Akihiro Nishioka  
Graduate School of Organic Materials Science, Yamagata University, Japan
- A 1 7 「Effect of Amorphous Rice Flour on Texture of 100% Rice Flour Pasta」  
Aki Saito, Ken Miyata, Tomonori Koda, Taichi Nishio, Akihiro Nishioka  
Graduate School of Organic Materials Science, Yamagata University, Japan
- A 1 8 「Effects of Relaxation Time and Zero Shear Viscosity on Structural Evolution of Linear  
Low Density Polyethylene」  
Kun Li, Go Matsuba  
Graduate School of Organic Materials Science, Yamagata University, Japan
- A 1 9 「Crystalline Gel Fibers via Electrospinning」  
Takuya Miyazaki, Yuchen Mao, Jin Gong  
Department of Systems Innovation, Faculty of Engineering, Yamagata University, Japan