

# Hokkaido University – Yuan Ze University Joint Student Symposium on Polymer Chemistry



Date November 28th, 2016

Venue Room MC102, Material and Chemistry Building, Faculty of Engineering,  
Hokkaido University, Japan



## Schedule:

9:15-9:20 Opening Remark

9:20-10:30 Student Session 1

- Size-Controlled Formation of Single-Chain Nanoparticles via Intramolecular Olefin Metathesis / *Kodai Watanabe (HU)*
- Studies on Environmental Protection Building Materials by Using Calcium Carbonate Sail and Industrial Alkaline-sail / *Chun-Ping Ku (YZU)*
- Thermoresponsive Property of Star-Shaped Poly(*N*-isopropylacrylamide) / *Lin Tian (HU)*
- Application of Biomaterials / *Yi-Cheng Jhang (YZU)*
- Introduction of Cell Engineering / *Po-Yu Lin (YZU)*
- Phase separation control of polymer solution using charge-transfer interaction between  $\pi$  electron donating polymer and  $\pi$  electron accepting molecules / *Kyohei Uenishi (HU)*
- Introduction of Biomaterials / *Kai-Ming Chung (YZU)*

10:30-10:45 Short Break

10:45-11:55 Student Session 2

- Synthesis of Well-defined Miktoarm Multicyclic Copolyether via *t*-Bu-P<sub>4</sub> Catalyzed Ring-Opening Polymerization and Click Cyclization / *Tomoki Shingu (HU)*
- Development of (Amorphous Silicon, *a*-Si) TFF-LCD / *Fang-Hsin Huang (YZU)*
- In vivo osteoconductive property of HAp composite DN gel / *Ryuji Kiyama (HU)*
- The Reason Why Renewable Materials / *Chun-Wei Chien (YZU)*
- Synthesis of ABA type Block Copolymers Consisting of Oligosaccharide and Poly(*n*-butyl acrylate) / *Saki Nakahira (HU)*
- Utilizing Polymers to Develop Graphene Transistor Devices / *Ming-Lin Ye (YZU)*
- Controlled ring-opening polymerization of lactide using sodium acetate as a catalyst / *Tatsuya Saito (HU)*

11:55-13:30 Lunch Meeting

13:30-14:20 Student Session 3

- Synthesis of Graphene films on Copper Foil by Chemical Vapor Deposition / *Kuan-Ting Lu (YZU)*
- Synthesis of block copolymer consisting of bio-derived polyester segment by using click reaction / *Takafumi Oyama (HU)*
- The catalyst effects on synthesis of graphene by CVD process / *Tseng Yu-Cheng (YZU)*
- Simulation of Tubular Aerosol Reactor / *Ting-Yu Chiang (YZU)*
- Microphase-Separated Structure of Hydrophilic-Modified Poly(styrene-*block*-methyl methacrylate) / *Kohei Yoshida (HU)*

14:20-14:35 Short Break

14:35-15:15 Student Session 4

- Research of A Wurster Type Fluidized Bed / *Che-Chun Liu (YZU)*
- Synthesis and Aqueous Self-Assembly Behavior of Intramolecularly Cross-Linked Amphiphilic Block Copolymers / *Ryoto Tanaka (HU)*
- Synthesis of Conjugated Polymer with Chelating Properties of Metal Ions / *Yining Zhu (YZU)*
- Fabrication of Low-Melting Alloy composite hydrogels towards obtaining advanced functional materials / *Riku Takahashi (HU)*

15:15-15:30 Short Break

15:30-16:30 Invited Address

### **"Intrinsically Stretchable and Healable Semiconducting Polymer for Skin-Inspired Wearable Organic Transistors"**

*Prof. Yu-Cheng Chiu (Yuan Ze University, Taiwan)*

16:30-16:35 Closing Remark

**Organizers** •Kohei Yoshida, Graduate School of Chemical Sciences and Engineering, Hokkaido University, Japan (011-706-6605, kyoshida@poly-bm.eng.hokudai.ac.jp)  
•Riku Takahashi •Ryuji Kiyama •Kyohei Uenishi



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