



Polymer Chemistry (PO)

Session PO1

Room# BB 205

Date Feb 2, 2017 Time 14:30-15:45

Conductor: Asst. Prof. Dr. Amorn Chaiyasat

Time	Code	Presenter	Title
14:30-15:00	PO-I-001	Prof. Dr. Pramuan Tangboriboonrat, Mahidol University, Thailand	Coating chitosan or its derivative-loaded nanoparticles or nanofibers on rubber film for fabrication of antibacterial gloves with low surface friction
15:00-15:15	PO-O-001	Waraporn Wichaita, Mahidol University, Thailand	Natural rubber-based hollow latex particles via one-pot seeded emulsion polymerization
15:15-15:30	PO-O-002	Patchara Punyamoonwongsa, Mae Fah Luang University, Thailand	pH-responsive styrene maleic anhydride with improved surface activity
15:30-15:45	PO-O-003	Prapanee Sudcha, KMUTNB, Thailand	Effects of gamma radiation on crosslinking and mechanical properties of polymer blends between PLA and surface modified cassava starch

Session PO2

Room# BB 205

Date Feb 2, 2017

Time 16:15-18:00

Conductor: Dr. Sirinya Chantarak

Time	Code	Presenter	Title
16:15-16:45	PO-I-002	Dr. rer. Nat. Isabelle Roth-Panke, Chemnitz University of Technology, Germany	Functionalization and treatment of technical textiles for reinforcement of plastics
16:45-17:00	PO-O-004	Jaruwan Namjaiyen, Mahidol University, Thailand	Effect of density on mechanical properties of nonstructural pineapple leaf materials and water-based acrylic composite
17:00-17:15	PO-O-005	Wilairat Supmak, Thammasat University, Thailand	Kinetics and mechanisms of thermo curing reaction of poly(lactic acid-co-glycidyl methacrylate): DSC and FTIR analyses
17:15-17:30	PO-O-006	Cheyne Louise Gaddi Abelardo, University of Santo Tomas, Philippines	Modified polyurethane foam derived from liquefied coconut husk with incorporated nanoclay for oil adsorption
17:30-17:45	PO-O-007	Thuchayaporn Thuchayapukdee, Kasetsart University, Thailand	Water vapor barrier properties of nanofibrillated cellulose-rice bran wax based edible emulsion coatings
17:45-18:00	PO-O-011	Thuy Thi Thu Nguyen, Hanoi University of Industry, Vietnam	Fabrication and characterization of polyethylene glycol grafted polyvinyl alcohol copolymer as energy storage material



Session PO3

Room# BB 205

Date Feb 3, 2017 Time 13:15-15:00

Conductor: Prof. Dr. Suwabun Chirachanchai

Time	Code	Presenter	Title
13:15-13:45	PO-I-003	Prof. Dr. Toshiyuki Kida, Osaka University, Japan	Molecular recognition by cyclodextrin derivatives in nonpolar media
13:45-14:15	PO-I-004	Assoc. Prof. Dr. Michiya Matsusaki, Osaka University, Japan	An <i>ex vivo</i> human 3D-tissue models constructed by cell surface modification for drug assessments
14:15-14:30	PO-O-008	Christopher W. Bielawski, Ulsan National Institute of Science and Technology (UNIST), Korea	Post-polymerization modification through direct C–H functionalization
14:30-14:45	PO-O-009	Khachapob Mongkhonithet, Kasetsart University, Thailand	Development of poly(lactic acid-glycidyl methacrylate– glycidyltrimethylammonium chloride) terpolymer for biomedical applications
14:45-15:00	PO-O-010	Kanchanok Kodchakorn, Chiang Mai University, Thailand	Simulation study of structural dynamics in sulfonated poly(ether ether ketone)/butyl urocanate composite membrane