



## Industrial Chemistry and Innovations (IC)

Session IC1

Room# BB 208

Date Feb 3, 2017

Time 10:30-12:15

**Conductor:** Dr. Athasit Tawai

**Co-conductor:** Dr. Weerinda Appamana

Time	Code	Presenter	Title
10:30-11:00	IC-I-001	Prof. Dr. Navadol Laosirojajana, KMUTT, Thailand	Fractionation of lignin from lignocellulosic biomass and its catalytic depolymerization to phenolic monomers
11:00-11:15	IC-O-002	Mahinsasa Rathnayake, Thammasat University, Thailand	Low temperature sulfur dioxide capture using coal fly ash as solid sorbent
11:15-11:30	IC-O-003	Parada Jungsur, Chulalongkorn University, Thailand	Synthesis of 7-hydroxy-4-chloromethyl coumarin in stirred tank reactor
11:30-11:45	IC-O-004	Chutikan Sae-tae, Chulalongkorn University, Thailand	Synthesis of 7-hydroxy-4-chloromethyl Coumarin grafted with Indole-3-butanoic acid

Session IC2

Room# BB 204

Date Feb 3, 2017

Time 15:15-16:45

**Conductor:** Dr. Athasit Tawai

**Co-conductor:** Dr. Weerinda Appamana

Time	Code	Presenter	Title
15:15-15:30	IC-O-006	Weerinda Appamana, Rajamangala University of Technology Thanyaburi, Thailand	Intensification of biodiesel synthesis from refined palm oil in a spinning disc reactor
15:30-15:45	IC-O-007	Thirasit Kusolsongtawee, Mahidol University, Thailand	Modeling and simulation of gas-phase polymerization process for linear low density polyethylene production
15:45-16:00	IC-O-008	Nawaphat Jongpajit, Mahidol University, Thailand	Computational fluid dynamics simulation of industrial fluidized bed reactors for propylene polymerization
16:00-16:15	IC-O-009	Nathasak Sinlikhitkul, Thammasat University, Thailand	Preservation of plumbagin by using inclusion complex: Freeze drying recovery of inclusion complex