



Environmental Chemistry (EN)

Session EN1

Room# BB 401

Date Feb 3, 2017

Time 10:30-12:15

Conductor: Dr. Monthip Sriratana Tabucanon

Co-conductor: Assoc. Prof. Dr. Kowit Piyamakala

Time	Code	Presenter	Title
10:30-10:45			
10:45-11:15	EN-I-001	Prof. Dr. Hongsik Byun, Keimyung University, Korea	Nanofiber membranes loaded with graphene oxide for water purification
11:15-11:30	EN-O-001	Doan Chon Tien, Thammasat University, Thailand	Adsorption of heavy metal using different functionalized carbon microsphere adsorbents from xylose
11:30-11:45	EN-O-002	Anawat Sungpet, Mahidol University, Thailand	Effects of temperature and pH on cadmium and lead adsorption by bagasse from a sugar production plant
11:45-12:00	EN-O-003	Khamphe Phoungthong, Prince of Songkla University, Thailand	The effect of pyrolysis temperature on characteristics and leachate behaviours of sewage sludge biochar
12:00-12:15	EN-O-004	Satit Phiyanalinmat, Chiang Mai University, Thailand	Investigation of Sr/TiO ₂ photocatalysts for benzoic acid photodegradation

Session EN2

Room# BB 401

Date Feb 3, 2017

Time 13:15-15:00

Conductor: Dr. Monthip Sriratana Tabucanon

Co-conductor: Assoc. Prof. Dr. Kowit Piyamakala

Time	Code	Presenter	Title
13:15-13:45	EN-I-002	Assoc. Prof. Dr. Is Fatimah, Universitas Islam Indonesia, Indonesia	Development of modified clay for designing sustainable slow release fertilizer
13:45-14:00	EN-O-005	Woottipong Prakongwittaya, KMUTT, Thailand	Effect of calcium carbide residue on the properties of compacted clay and water treatment residue
14:00-14:15	EN-O-006	Pensiri Akkajit, Prince of Songkla University, Phuket Campus, Thailand	The study of historical contamination of tin (Sn) in sediments at the Bang-Yai River estuary, Phuket Province



14:15-14:30	EN-O-007	Peerapong Pornwongthong, KMUTNB, Thailand	Occurrence of 1,4-Dioxane in effluents of municipal wastewater treatment plants in Bangkok, Thailand
14:30-14:45	EN-O-008	Parawee Vas-umnay, Chulalongkorn university, Thailand	Chromium (VI) removal and recovery from electroplating wastewater by ion exchange

Session EN3

Room# BB 401

Date Feb 3, 2017

Time 15:15-16:45

Conductor: Dr. Tinnakorn Tiensing

Co-conductor: Dr. Jaruwan Talawat

Time	Code	Presenter	Title
15:15-15:30	EN-O-009	Jose H. Bergantin, Jr., University of Santo Tomas, Philippines	Gold thin film chemiresistor sensor for gaseous elemental mercury
15:30-15:45	EN-O-010	Kulthida Wasino, Chulalongkorn University, Thailand	Selective adsorption of volatile organic compounds from humid air using surface-modified activated carbon
15:45-16:00	EN-O-011	Suwanit Koonawat, Thammasat University, Thailand	Chemical recycling of degradable poly(lactic acid) employing alcoholysis reaction of glycerol
16:00-16:15	EN-O-012	Sattabongkot Yodkeaw, Pathumwan Institute of Technology, Thailand	The Treatment of high concentration nitrogen by phytoremediation process using water hyacinth (<i>Eichhornia crassipes</i> Mart. Solms.) and coontail (<i>Ceratophyllum demersum</i> L.)