



## Organic Chemistry and green Chemistry (OR)

**Session OR1**

**Room# BB 405**

**Date Feb 2, 2017**

**Time 14:30-16:00**

**Conductor:** Prof. Dr. Tirayut Vilaivan

**Co-conductor:** Mr. Thara Manangan

Time	Code	Presenter	Title
14:30-15:00	OR-I-001	Prof. Dr. Tony D. James, University of Bath, United Kingdom	Chemosensors for diagnostics and theranostics
15:00-15:30	OR-I-002	Prof. Dr. Oliver Reiser, Universität Regensburg, Germany	Let the sun shine on copper: Visible light photoredox catalysis as key step in carbon-carbon bond forming reactions
15:30-15:45	OR-O-001	Suthira Yanaso, Mahidol University, Thailand	Synthesis and biological evaluation of 3-triazolyl-coumarin derivatives as acetylcholinesterase and $\beta$ -amyloid aggregation inhibitors
15:45-16:00	OR-O-002	William Cunningham, University of Bath, United Kingdom	Selective, scalable batch and flow epoxidations of biorenewable terpenes for monomer and medicinal compound synthesis

**Session OR2**

**Room# BB 202**

**Date Feb 3, 2017**

**Time 10:30-12:15**

**Conductor:** Prof. Dr. Somyote Sutthivaiyakit

**Co-conductor:** Asst. Prof. Dr. Warinthorn Chavasiri

Time	Code	Presenter	Title
10:30-11:00	OR-I-003	Prof. Dr. Yasushi Nishihara, Okayama University, Japan	Effects of alkyl side-chains and molecular weights on photovoltaic property in phenanthrothiophene-based semiconducting polymers
11:00-11:30	OR-I-004	Prof. Dr. Masaya Sawamura, Hokkaido University, Japan	Cu-catalyzed asymmetric direct allylic alkylation of terminal alkynes and azoles: Mechanism and construction of quaternary stereogenic centers
11:30-12:00	OR-I-005	Prof. Dr. Masamichi Ogasawara, Tokushima University, Japan	Total synthesis of axially chiral naturally occurring allenes utilizing palladium-catalyzed allene synthesis reaction
12:00-12:15	OR-O-003	Yu Otuka, Hokkaido University, Japan	Synthesis of visible light excitable luminescence complex probe based on fluorescent solvatochromic ligand



Session OR3 Room# BB 202

Date Feb 3, 2017

Time 13:15-15:00

Conductor: Asst. Prof. Dr. Warinthorn Chavasiri

Co-conductor: Mr. Thara Manangan

Time	Code	Presenter	Title
13:15-13:45	OR-I-006	Prof. Dr. Makoto Yamasita, Nagoya University, Japan	Unusual reactivity of highly Lewis acidic diborane(4) compounds
13:45-14:15	OR-I-007	Prof. Dr. Hidehiro Sakurai, Osaka University, Japan	Synthesis of nitrogen-doped curved aromatic molecules
14:15-14:30	OR-O-004	Guanglei Li, Hokkaido University, Japan	Development of near-infrared fluorescent and chemiluminescent BODIPY dyes via Suzuki-Miyaura cross coupling
14:30-14:45	OR-O-005	Anuwut Petdum, Silpakorn University, Thailand	[5]Helicene-rhodamine conjugated as a new colorimetric and off-on fluorometric sensor based on FRET process for highly sensitive and selective detection of Hg <sup>2+</sup>
14:45-15:00	OR-O-006	Waroton Paisuwan, Chulalongkorn University, Thailand	Facile synthesis of oxazolidin-2-ones from N-Boc protected amine via halo-mediated cyclization

Session OR4

Room# BB 202

Date Feb 3, 2017

Time 15:15-16:45

Conductor: Asst. Prof. Dr. Warinthorn Chavasiri

Co-conductor: Assoc. Prof. Narumol Kreua-ongarjnukool

Time	Code	Presenter	Title
15:15-15:45	OR-I-008	Asst. Prof. Dr. Patchanita Thamyongkit, Wiley-CST Award for Contribution to Green Chemistry 2016	Synthesis and systematic investigation of porphyrinic photosensitizers for optoelectronic applications
15:45-16:15	OR-I-009	Prof. Dr. Sensuke Ogoshi, Osaka University, Japan	Transformation of tetrafluoroethylene by ubiquitous metal: Isolation and reactivity of intermediate complexes
16:15-16:30	OR-O-007	Chia-Chuan Chang, National Taiwan University, Taiwan	Chemical investigation of the polymeric polyphenols from Radix Paeoniae Rubra
16:30-16:45	OR-O-008	Handy Riantana, Yogyakarta State University, Indonesia	The synthesis of dihydropyrimidine compound through Bigenelli Cyclocondensation for <i>Aedes aegypti</i> Larvasidae