

PC-Polymer Chemistry and Bio-Based Materials

Friday, 26 January 2024, Room: Amber 3

Chair: Kanoktip Boonkerd, Chulalongkorn University

Co-Chair: Wirunya Keawwattana, Kasetsart University

Time	Code	Title	Presenter
13.00 – 13.30	PC-K-01	Macromolecular engineering: Well-defined model pentacrystalline pentablock quintopolymer	Nikos Hadjichristidis
13.30 – 14.00	PC-I-01	Bacterial cellulose as renewable polymeric platform for biosensing and biomedical applications	Voravee P. Hoven
14.00 – 14.30	PC-I-02	Functional polymeric nanomaterials for controlled release systems in biomedical and cosmetic applications	Pakorn Opaprakasit
14.30 – 14.45	PC-O-01	A study of pre-vulcanization time affected on the nano-porous structure preservation in silica aerogel/natural rubber composite	Chayanan Boonrawd
15.00 – 15.15	Coffee Break		
15.15 – 16.00	PL-02 at Bhiraj Hall II and III		
<p>Chair: Panya Sunintaboon, Mahidol University Co-Chair: Kanoktip Boonkerd, Chulalongkorn University</p>			
16.00 – 16.30	PC-I-03	Green synthesis multi-stimuli responsive trimethyl chitosan-based nanogel and its promising application as nanocarrier for cancer photothermal chemotherapy	Panya Sunintaboon
16.30 – 16.45	PC-O-02	Production and characterization of cellulose powders from brewery's spent grain	Kawalee Kumpangnil
16.45 – 17.00	PC-O-03	Development and characterization of amidated pectin-PVA hydrogels for enhanced drug delivery and antimicrobial properties	Supatcha Suankhem



PC-Polymer Chemistry and Bio-Based Materials

Saturday, 27 January 2024, Room: Amber 3

Chair: Wirunya Keawwattana, Kasetsart University

Co-Chair: Nopparat Plucktaveesak, Thammasart University

Time	Code	Title	Presenter
09.45 – 10.15	PC-I-04	Synthesis of chiral cyclic oligomers and cyclic molecules based on planar chiral [2.2] paracyclophanes	Yasuhiro Morisaki
10.15 – 10.30	PC-O-04	Comparison properties of hybrid carbon-based nanocomposites between engineering-thermoplastic Acrylonitrile-Butadiene-Styrene and commodity-thermoplastic polypropylene for electrical and thermal application	Sorawit Duangsripat
10.30 – 10.45	PC-O-05	Apatite growth of bioactive glass containing elephant dung cellulose	Phimmada Nithipongwarodom
10.45 – 11.00	<i>Coffee Break</i>		
11.00 – 12.00	<i>Poster Session II at Bhiraj Hall I</i>		
12.00 – 13.00	<i>Lunch at EH100</i>		