

BSTJ-Bilateral symposium between Thailand and Japan on recent progress of photophysical chemistry

Saturday, 27 January 2024, Room: Nile 1

Chair: Hiroyuki Nishikawa

Time	Code	Title	Presenter
09.50 – 10.10	Opening remarks by Hiroyuki Nishikawa		
09.50 – 10.10	BSTJ-I-01	Chiroptical properties of helical conjugated polymers synthesized in chiral liquid crystals	Kazuo Akagi
10.10 – 10.30	BSTJ-I-02	Excited-state intramolecular proton transfer (ESIPT) molecules for optoelectronic materials, fluorescent sensors, and imaging agents	Nawee Kungwan
10.30 – 10.50	BSTJ-I-03	Generation of circularly polarized electroluminescence from organic light-emitting diodes with optically inactive phosphorescent emitters under an external magnetic field	Shigeyuki Yagi
10.50 – 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>		
13.00 – 13.20	BSTJ-I-04	Sunlight-responsive photocatalysts for detoxification of organic dyes and antibiotics in natural water	Suwat Nanan
13.20 – 13.40	BSTJ-I-05	Visualization of electronic and magnetic transition moments aiming at the design of CPL chromophore having enhanced chiroptical properties	Ken-ichi Sugiura



Time	Code	Title	Presenter
13.40 – 14.00	BSTJ-I-06	New electrochemical detection strategies for clinical diagnosis	Kontad Ounnunkad
14.00 – 14.20	BSTJ-I-07	Synthesis and chiroptical properties of strained paraphenylene anchoring chiral binaphthyl	Masashi Hasegawa
14.20 – 14.40	BSTJ-I-08	Advancements in nanomaterials for augmenting electrochemical and photometric sensor performance	Jaroon Jakmunee
14.40 – 15.00	BSTJ-I-09	Newly developed systems for advanced CD and CPL measurements and their measurement methods and applications	Satoko Suzuki
15.00 – 15.10	<i>Coffee Break</i>		
15.10 – 15.30	BSTJ-I-10	The synthesis and development of novel fluorescence compounds as heavy metal ion sensors	Anawat Ajavakom
15.30 – 15.50	BSTJ-I-11	Development of aggregation-induced emissive materials exhibiting circularly polarized luminescence	Hiroyuki Nishikawa
15.50 – 16.10	BSTJ-I-12	Photophysical properties for excited-state intramolecular proton transfer (ESIPT) reaction of N-salicylidene-o-aminophenol: DFT based approaches	Songwut Suramitr
16.10 – 16.15	Closing remarks by Nawee Kungwan		