

Session Information						
<div>SESSION ABBREVIATION: PMSE017A</div> <div>SYMPOSIUM TITLE: PMSE-PSK Joint Symposium: Chemistry Knows No Borders (Invited)</div> <div>SESSION TITLE: Polymer Chemistry & Assembly</div> <div>SESSION DAY & DATE: Wed 8/21/2024 8:00 AM</div> <div>SESSION START TIME: Wed 8/21/2024 8:00 AM</div> <div>SESSION END TIME: Wed 8/21/2024 12:00 PM</div> <div>SESSION TYPE: Oral - In-person</div> <div> <div>Organizer, Presider: BongSoo Kim</div> <div>Organizer: Dhriti Nepal</div> <div>Organizer: Christopher Soles</div> <div>Organizer, Presider: Christopher Stafford</div> </div> <div> <div>SESSION HOST:</div> <div> <div>This symposium opens up a new collaborative opportunity between the Polymer Society of Korea (PSK) and the Polymeric Materials: Science and Engineering Division of the American Chemical Society (ACS PMSE) to harness enormous potential through engagement, networking, and partnership. This symposium will highlight the success of a group of selected scientists from the US and Korea who made a successful program through collaboration between the two countries in the topics related to colloidal and molecular assembly and energy & environment. In addition to technical talks, this symposium will include an expert panel session to discuss topics of mutual interest, leveraging partnerships, and future opportunities.</div> </div> </div>						

Order	Control ID	Final ID	Title	Presenter	Duration	Start/End Time
1	4107026		Tandem ring-opening metathesis polymerization and post-polymerization saturation (TROMPPPS) using a single catalytic system	Hillmyer, Marc	30	8:00 AM 8:30 AM
2	4104697		E-beam induced assembly of block molecules into aqua nanoparticles	Lee, Eunji	30	8:30 AM 9:00 AM
3	4087487		Polymerization- and depolymerization-induced nanostructural transitions	Seo, Myungeun	30	9:00 AM 9:30 AM
4	4104686		All-in-one tissue adhesive hydrogels for topical wound care	Kim, Jin Woong	30	9:30 AM 10:00 AM
5			Intermission		30	10:00 AM 10:30 AM
6	4100006		Polymer-infiltrated nanoparticle films	Lee, Daeyeon	30	10:30 AM 11:00 AM
7	4102056		Bioinspired capillary force-driven super-adhesive filter	Wooh, Sanghyuk	30	11:00 AM 11:30 AM
8	4098410		Polymer in interstitial space as structure director in colloid self-assembly	Lee, Sangwoo	30	11:30 AM 12:00 PM

Session Information

SESSION ABBREVIATION: PMSE017B

SYMPOSIUM TITLE: PMSE-PSK Joint Symposium: Chemistry Knows No Borders (Invited)

SESSION TITLE: Polymer Electronic Materials

SESSION DAY & DATE: Wed 8/21/2024 2:00 PM

SESSION START TIME: Wed 8/21/2024 2:00 PM

SESSION END TIME: Wed 8/21/2024 5:40 PM

SESSION TYPE: Oral - In-person

Organizer: BongSoo Kim

SESSION HOST: Organizer, Presider: Dhriti Nepal
Organizer, Presider: Christopher Soles
Organizer: Christopher Stafford

SESSION NOTES: This symposium opens up a new collaborative opportunity between the Polymer Society of Korea (PSK) and the Polymeric Materials: Science and Engineering Division of the American Chemical Society (ACS PMSE) to harness enormous potential through engagement, networking, and partnership. This symposium will highlight the success of a group of selected scientists from the US and Korea who made a successful program through collaboration between the two countries in the topics related to colloidal and molecular assembly and energy & environment. In addition to technical talks, this symposium will include an expert panel session to discuss topics of mutual interest, leveraging partnerships, and future opportunities.

Order	Control ID	Final ID	Title	Presenter	Duration	Start/End Time
1	4113601		MXene-Polymer Hybrid Materials	Gogotsi, Yury	20	2:00 PM 2:20 PM
2	4087033		Asymmetric non-fullerene acceptors for large-area organic photovoltaics	Kim, BongSoo	20	2:20 PM 2:40 PM
3	4096100		Cross-linkable dibenzofuran-based hole transport materials for high-performance quantum dot and organic light-emitting diodes	Lee, Youngu	20	2:40 PM 3:00 PM
4	4113389		Complex materials with nonrandom disorder for energy and aviation technologies	Emre, Ahmet	20	3:00 PM 3:20 PM
5			Intermission		20	3:20 PM 3:40 PM
6	4106821		Applying Cleavable Side Chains to (re)Design Conjugated Polymers: A Fertile Ground for Unexpected Discoveries	You, Wei	20	3:40 PM 4:00 PM
7	4087303		Development of organic semiconducting materials for Organic electronics	Kim, Yun-Hi	20	4:00 PM 4:20 PM
8	4112473		Enhancing sensitivity in near-infrared organic photodetectors: Approaches for effective dark current suppression	Ko, Seojin	20	4:20 PM 4:40 PM
9			Panel Discussion		60	4:40 PM 5:40 PM