



**Tuesday, 10 December 2019**  
All Happening at SUNTEC Level 3!

08:00 - 18:00 CONFERENCE REGISTRATION (Foyer 5)

10:00 - 18:00 SPONSORS TABLE DISPLAY (Foyer 4 & 5)

**08:30 - 10:30 AM1 BREAKOUT SESSIONS**

Room	MR331	MR332	MR333	MR334	MR335	MR336	MR330	MR329	MR328	MR327	MR323	MR322
Session Chairs	Wei YOU	Madoka TAKAI	Nicholas Xuanlai FANG	Suhrit GHOSH	Alexei KHOKHLOV	Qi GE	Keiji TANAKA	Mohammad Hossein DAVOOD ABADI FARAHANI	Eriko SATO	Nikos HADJICHRISTIDIS	Kohji OHNO	Yu Kyoung OH
	Barry THOMPSON	Kristofer THURECHT	Long JIANG	Yongfeng ZHOU	Hong LIU			Shengli QI	Cyrille BOYER	Kotohiro NOMURA	He ZHANG	
Symposium	S09 Polymers for Optoelectronics, Smart Electronics and Energy	S07 Polymers for Biomedicine and Personal Care	S06 Polymers in 3D/4D Printing and Additive Manufacturing	S04 Functional and Self-assembled Materials	S02 Polymer Physics: Structure, Properties and Processing	SS3 Cyber Physicochemical Interfaces: Flexible Electronics (By Invitation Only)	S03 Polymer Surfaces and Interfaces	SS1 Polymeric Membranes: Innovations and Applications	S01 Polymer Synthesis and Characterization	S01 Polymer Synthesis and Characterization	S05 Composite and Hybrid Materials	SS2 Women in Polymer Science (By Invitation Only)
Abstract ID	PPC16-A-0570 (I)	PPC16-A-0513 (I)	PPC16-A-1117 (I)	PPC16-A-0538 (I)	PPC16-A-0500 (I)	PPC16-A-1108 (I)	PPC16-A-0731 (I)	PPC16-A-0541 (I)	PPC16-A-0338 (I)	PPC16-A-0068 (I)	PPC16-A-1014 (I)	PPC16-A-0718 (I)
	PPC16-A-0132 (I)	PPC16-A-0717 (I)	PPC16-A-1062 (I)	PPC16-A-0957 (I)	PPC16-A-0627 (I)	PPC16-A-1111	PPC16-A-0185 (I)	PPC16-A-0970 (I)	PPC16-A-0661 (I)	PPC16-A-0466 (I)	PPC16-A-0391	PPC16-A-1076 (I)
	PPC16-A-0086 (I)	PPC16-A-0855 (I)	PPC16-A-1061 (I)	PPC16-A-1049 (I)	PPC16-A-0881 (I)	PPC16-A-1101	PPC16-A-0283	PPC16-A-0996 (I)	PPC16-A-0339 (I)	PPC16-A-0052 (I)	PPC16-A-0701	PPC16-A-1131 (I)
	PPC16-A-0387 (I)	PPC16-A-1053 (I)	PPC16-A-0504	PPC16-A-0553	PPC16-A-0515		PPC16-A-0536	PPC16-A-0485 (I)	PPC16-A-0950 (I)	PPC16-A-0616	PPC16-A-0788	PPC16-A-1151 (I)
	PPC16-A-0878	PPC16-A-1089 (I)	PPC16-A-0916	PPC16-A-0741	PPC16-A-0714			PPC16-A-0398	PPC16-A-0864		PPC16-A-0887	PPC16-A-1106 (I)

10:30 - 11:00 AM BREAK (Outside Presentation Rooms)

**11:00 - 12:30 AM2 BREAKOUT SESSIONS**

Room	MR331	MR332	MR333	MR334	MR335	MR336	MR330	MR329	MR328	MR327	MR323	MR322
Session Chairs	Feng HE	Changfeng WU	Yi CAO	Kazuo TANAKA	Markus BUSCH	Yuan GAO	Chen-Gang WANG	Chakravarthy GUDIIPATI	Nicolay TSAREVSKY	Daisuke TAKEUCHI	Xingyi HUANG	Kathryn UHRICH
	Sabine BEUERMANN	Pei LI	Yanfeng ZHANG	Yapei WANG	Qiang WANG		Feng ZHOU	Guofei SUN	Atsushi KAJIWARA	Hua LU	Jianxin GENG	
Symposium	S09 Polymers for Optoelectronics, Smart Electronics and Energy	S07 Polymers for Biomedicine and Personal Care	S04 Functional and Self-assembled Materials	S04 Functional and Self-assembled Materials	S02 Polymer Physics: Structure, Properties and Processing	SS3 Cyber Physicochemical Interfaces: Flexible Electronics (By Invitation Only)	S03 Polymer Surfaces and Interfaces	SS1 Polymeric Membranes: Innovations and Applications	S01 Polymer Synthesis and Characterization	S01 Polymer Synthesis and Characterization	S05 Composite and Hybrid Materials	SS2 Women in Polymer Science (By Invitation Only)
Abstract ID	PPC16-A-0079 (I)	PPC16-A-0838 (I)	PPC16-A-0423 (I)	PPC16-A-0368 (I)	PPC16-A-0427 (I)	PPC16-A-1045 (I)	PPC16-A-0406 (I)	PPC16-A-0470 (I)	PPC16-A-0239 (I)	PPC16-A-0577 (I)	PPC16-A-0832 (I)	PPC16-A-1156 (I)
	PPC16-A-0854 (I)	PPC16-A-0904 (I)	PPC16-A-0721	PPC16-A-0167 (I)	PPC16-A-0476 (I)	PPC16-A-1126	PPC16-A-0384 (I)	PPC16-A-0143 (I)	PPC16-A-0619 (I)	PPC16-A-0091	PPC16-A-1025 (I)	PPC16-A-1158 (I)
	PPC16-A-0550	PPC16-A-0027 (I)	PPC16-A-0735	PPC16-A-0530 (I)	PPC16-A-0490	PPC16-A-1127 (I)	PPC16-A-0047 (I)	PPC16-A-1048 (I)	PPC16-A-0367 (I)	PPC16-A-0120	PPC16-A-0041	PPC16-A-1162 (I)
		PPC16-A-1109	PPC16-A-0801	PPC16-A-0831			PPC16-A-0954	PPC16-A-0491	PPC16-A-0245	PPC16-A-0623	PPC16-A-0352	

12:30 - 13:30 CONFERENCE LUNCH (Summit)

**13:30 - 15:30 PM1 BREAKOUT SESSIONS**

Room	MR331	MR332	MR333	MR334	MR335	MR336	MR330	MR329	MR328	MR327	MR323	MR322
Session Chairs	Dmitri PEREPICHKA	Mizuo MAEDA	Guosong CHEN	Xiang MA	Jitladda SAKDAPIPANICH	Jing YU	Simon SWIFT	Ingo PINNAU	Michael CUNNINGHAM	Jerome CLAVERIE	Jean Christophe P. GABRIEL	Kei SAITO
	Akimitsu NARITA	Changkui FU	Hideharu MORI		Gengxin LIU		Jianjun WANG	Wai Fen YONG	Akinori TAKASU	Zhibo LI	Shuijiang DING	Jinwen ZHANG
Symposium	S09 Polymers for Optoelectronics, Smart Electronics and Energy	S07 Polymers for Biomedicine and Personal Care	S04 Functional and Self-assembled Materials	S04 Functional and Self-assembled Materials	S02 Polymer Physics: Structure, Properties and Processing	SS3 Cyber Physicochemical Interfaces: Flexible Electronics (By Invitation Only)	S03 Polymer Surfaces and Interfaces	SS1 Polymeric Membranes: Innovations and Applications	S01 Polymer Synthesis and Characterization	S01 Polymer Synthesis and Characterization	S05 Composite and Hybrid Materials	S08 Polymers for the Environment
Abstract ID	PPC16-A-0965 (I)	PPC16-A-0644 (I)	PPC16-A-0733 (I)	PPC16-A-0437 (I)	PPC16-A-0927 (I)	PPC16-A-1057 (I)	PPC16-A-0602 (I)	PPC16-A-0375 (I)	PPC16-A-0464 (I)	PPC16-A-0351 (I)	PPC16-A-0381 (I)	PPC16-A-0157 (I)
	PPC16-A-1029 (I)	PPC16-A-0061 (I)	PPC16-A-0474 (I)	PPC16-A-0951 (I)	PPC16-A-0332 (I)	PPC16-A-1128	PPC16-A-0656 (I)	PPC16-A-0962 (I)	PPC16-A-0192 (I)	PPC16-A-0879 (I)	PPC16-A-0505	PPC16-A-0313 (I)
	PPC16-A-0987 (I)	PPC16-A-0424 (I)	PPC16-A-0477 (I)	PPC16-A-0411	PPC16-A-0827 (I)	PPC16-A-1091 (I)	PPC16-A-0696 (I)	PPC16-A-1069 (I)	PPC16-A-1119 (I)	PPC16-A-0078 (I)	PPC16-A-0547	PPC16-A-0353 (I)
	PPC16-A-0575	PPC16-A-0478 (I)	PPC16-A-0153	PPC16-A-0866	PPC16-A-1010	PPC16-A-1159	PPC16-A-0032	PPC16-A-1107 (I)	PPC16-A-0610	PPC16-A-0643	PPC16-A-0845	PPC16-A-0383
	PPC16-A-1080	PPC16-A-0563 (I)	PPC16-A-0595	PPC16-A-0707	PPC16-A-1056	PPC16-A-1160	PPC16-A-0150	PPC16-A-1067	PPC16-A-0268	PPC16-A-0994	PPC16-A-0361	PPC16-A-0135

15:30 - 16:00 PM BREAK (Outside Presentation Rooms)

**16:00 - 18:00 PM2 BREAKOUT SESSIONS**

Room	MR331	MR332	MR333	MR334	MR335	MR330	MR329	MR328	MR327	MR323	MR322
Session Chairs	Xiaozhang ZHU	Masamichi YAMANAKA	Christoph WEDER	Dongsheng LIU	Hsin-Lung CHEN	Hongbo ZENG	Volker ABETZ	Marianne GABORIEAU	Zi-Chen LI	Ming Qiu ZHANG	Guojun LIU
	Xiaotao ZHANG	Si WU	Michael SERPE	Zhixiang WEI	Liang DAI	Xi YAO	Jincai SU	Takeo SUGA	Youhua TAO	Kwan Wee TAN	Jong-Min LEE
Symposium	S09 Polymers for Optoelectronics, Smart Electronics and Energy	S07 Polymers for Biomedicine and Personal Care	S04 Functional and Self-assembled Materials	S04 Functional and Self-assembled Materials	S02 Polymer Physics: Structure, Properties and Processing	S03 Polymer Surfaces and Interfaces	SS1 Polymeric Membranes: Innovations and Applications	S01 Polymer Synthesis and Characterization	S01 Polymer Synthesis and Characterization	S05 Composite and Hybrid Materials	S08 Polymers for the Environment
Abstract ID	PPC16-A-0163 (I)	PPC16-A-0451 (I)	PPC16-A-0722 (I)	PPC16-A-0031 (I)	PPC16-A-0760 (I)	PPC16-A-0715 (I)	PPC16-A-0230 (I)	PPC16-A-0620 (I)	PPC16-A-0219 (I)	PPC16-A-0089 (I)	PPC16-A-1008 (I)
	PPC16-A-0766 (I)	PPC16-A-0450 (I)	PPC16-A-0632 (I)	PPC16-A-0455 (I)	PPC16-A-0133 (I)	PPC16-A-0932 (I)	PPC16-A-0267 (I)	PPC16-A-0177 (I)	PPC16-A-0876 (I)	PPC16-A-0699 (I)	PPC16-A-0991 (I)
	PPC16-A-1153 (I)	PPC16-A-1140 (I)	PPC16-A-0697 (I)	PPC16-A-0098 (I)	PPC16-A-0420 (I)	PPC16-A-0104 (I)	PPC16-A-0356 (I)	PPC16-A-0246 (I)	PPC16-A-0282 (I)	PPC16-A-0555	PPC16-A-0611 (I)
	PPC16-A-1161 (I)	PPC16-A-0028	PPC16-A-0250	PPC16-A-0590	PPC16-A-0435	PPC16-A-1139 (I)	PPC16-A-0775	PPC16-A-0255 (I)	PPC16-A-0315	PPC16-A-0678	PPC16-A-1007 (I)
	PPC16-A-0782	PPC16-A-0654	PPC16-A-0327	PPC16-A-0340		PPC16-A-1103	PPC16-A-0885	PPC16-A-0438	PPC16-A-0892	PPC16-A-0683	PPC16-A-0743

Wednesday, 11 December 2019												
All Happening at SUNTEC Level 3 unless otherwise specified												
08:00 - 18:00 CONFERENCE REGISTRATION (Foyer 5)						10:00 - 18:00 SPONSORS TABLE DISPLAY (Foyer 4 & 5)						
08:30 - 10:30 AM1 BREAKOUT SESSIONS												
Room	MR331	MR332	MR333	MR334	MR335	MR336	MR330	MR329	MR328	MR327	MR323	MR322
Session Chairs	Dwight SEFEROS	Haritz SARDON	Hongbin LI	Zhihong NIE	Hidetaka TOBITA	Bilin ZHUANG	Yanlei YU	Jadranka TRAVAS-SEJDIC	Mathias DESTARAC	Ikuyoshi TOMITA	Kun LIU	Jun ZHANG
	Igor F. PEREPICHKA	Xu ZHEN	Guo Liang LI	Jinying YUAN	Wenbing HU	Bing MIAO	Ting CHENG	Kentaro TAKI	Chi-How PENG	Zhicheng ZHANG	Shyan-Lung CHUNG	Hassan Said BAZZI
Symposium	S09 Polymers for Optoelectronics, Smart Electronics and Energy	S07 Polymers for Biomedicine and Personal Care	S04 Functional and Self-assembled Materials	S04 Functional and Self-assembled Materials	S02 Polymer Physics: Structure, Properties and Processing	S02 Polymer Physics: Structure, Properties and Processing	S03 Polymer Surfaces and Interfaces	S06 Polymers in 3D/4D Printing and Additive Manufacturing	S01 Polymer Synthesis and Characterization	S01 Polymer Synthesis and Characterization	S05 Composite and Hybrid Materials	S08 Polymers for the Environment
Abstract ID	PPC16-A-0705 (I)	PPC16-A-1046 (I)	PPC16-A-0558 (I)	PPC16-A-0374 (I)	PPC16-A-0487 (I)	PPC16-A-0333 (I)	PPC16-A-0137 (I)	PPC16-A-0393 (I)	PPC16-A-0631 (I)	PPC16-A-0421 (I)	PPC16-A-1011 (I)	PPC16-A-1064 (I)
	PPC16-A-0134 (I)	PPC16-A-1093 (I)	PPC16-A-0726 (I)	PPC16-A-1030 (I)	PPC16-A-0877 (I)	PPC16-A-0355 (I)	PPC16-A-0468 (I)	PPC16-A-0395 (I)	PPC16-A-0162 (I)	PPC16-A-0193 (I)	PPC16-A-0928 (I)	PPC16-A-1088 (I)
	PPC16-A-0419 (I)	PPC16-A-1155 (I)	PPC16-A-0774	PPC16-A-0242 (I)	PPC16-A-0085 (I)	PPC16-A-0277 (I)	PPC16-A-0711 (I)	PPC16-A-1018 (I)	PPC16-A-0008	PPC16-A-0691 (I)	PPC16-A-0978	PPC16-A-0998
	PPC16-A-0981	PPC16-A-0025	PPC16-A-0868	PPC16-A-1039	PPC16-A-0964	PPC16-A-0520 (I)	PPC16-A-0073	PPC16-A-0012	PPC16-A-0225	PPC16-A-0803 (I)	PPC16-A-0915	PPC16-A-0097
	PPC16-A-0713	PPC16-A-1036		PPC16-A-1041	PPC16-A-0941	PPC16-A-0176 (I)	PPC16-A-0349	PPC16-A-0608	PPC16-A-0440	PPC16-A-0481	PPC16-A-0829	PPC16-A-0174
PPC16-A-1134				PPC16-A-0907		PPC16-A-0449	PPC16-A-0732			PPC16-A-0818	PPC16-A-0436	
											PPC16-A-1044	PPC16-A-0483
10:30 - 11:00 AM BREAK (Outside Presentation Rooms)												
11:00 - 12:30 AM2 BREAKOUT SESSIONS												
Room	MR331	MR332	MR333	MR334	MR335	MR336	MR330	MR329	MR328	MR327	MR323	MR322
Session Chairs	Hiro Yoshi NAITO	Shachar RICHTER	Min-Hui LI	AJ BOYDSTON	Xiaozheng DUAN	Dehai LIANG	Peng-Cheng MA	Jose BONILLA CRUZ	Fumio SANDA	Yohann GUILLANEUF	Nam-Joon CHO	Pakom OPAPRAKASIT
	Hao-Li ZHANG	Chunming WANG	Haruyuki OKAMURA	Wanxin SUN	Zhigang WANG	Shuguang YANG	Jinglei YANG	Somen BHUDOLIA	Thoriyot PRAVEEN	Zesheng AN		Jun-Ichi KADOKAWA
Symposium	S09 Polymers for Optoelectronics, Smart Electronics and Energy	S07 Polymers for Biomedicine and Personal Care	S04 Functional and Self-assembled Materials	S04 Functional and Self-assembled Materials	S02 Polymer Physics: Structure, Properties and Processing	S02 Polymer Physics: Structure, Properties and Processing	S03 Polymer Surfaces and Interfaces	S05 Composite and Hybrid Materials	S01 Polymer Synthesis and Characterization	S01 Polymer Synthesis and Characterization	S07 Polymers for Biomedicine and Personal Care	S08 Polymers for the Environment
Abstract ID	PPC16-A-1047 (I)	PPC16-A-0891 (I)	PPC16-A-0447 (I)	PPC16-A-0279 (I)	PPC16-A-1059 (I)	PPC16-A-0399 (I)	PPC16-A-0948 (I)	PPC16-A-0710 (I)	PPC16-A-0479	PPC16-A-0746 (I)	PPC16-A-1112 (I)	PPC16-A-1094 (I)
	PPC16-A-0667 (I)	PPC16-A-0935 (I)	PPC16-A-0852	PPC16-A-0725 (I)	PPC16-A-0113 (I)	PPC16-A-0203 (I)	PPC16-A-0966 (I)	PPC16-A-0769	PPC16-A-0637	PPC16-A-0559 (I)	PPC16-A-1100 (I)	PPC16-A-1163 (I)
	PPC16-A-1090 (I)	PPC16-A-1027 (I)	PPC16-A-0862	PPC16-A-0873 (I)	PPC16-A-0930	PPC16-A-0484 (I)	PPC16-A-1033 (I)	PPC16-A-0773	PPC16-A-1051	PPC16-A-0684	PPC16-A-1102 (I)	PPC16-A-1063
	PPC16-A-0800		PPC16-A-0969	PPC16-A-0989	PPC16-A-0511	PPC16-A-0645	PPC16-A-0396	PPC16-A-1023	PPC16-A-0636			PPC16-A-1070
						PPC16-A-0900		PPC16-A-0673			PPC16-A-1092	
12:30 - 15:30 PPC16 LUNCH HOUR SINGAPORE "This will be your chance to discover Singapore food that you have never tried before"												
15:30 - 17:30 PM2 BREAKOUT SESSIONS												
Room	MR331	MR332	MR333	MR334	MR335	MR336	MR330	MR329	MR328		MR323	MR322
Session Chairs	James BLINCO	Changyou GAO	Qiuyu ZHANG	Xinhua WAN	Wei HONG	Guangyuan ZHOU	Jiandong DING	Zhengwei YOU	Zengqi XIE		Joshua JACKMAN	Xu-Ming XIE
	Lei ZHU		Yongxiang GAO	Zhe LIU	Zhao-Yan SUN	Mao CHEN	Shyh-Chyang LUO		Chin Han CHAN		Ja-Hyoung RYU	
Symposium	S09 Polymers for Optoelectronics, Smart Electronics and Energy	S07 Polymers for Biomedicine and Personal Care	S04 Functional and Self-assembled Materials	S04 Functional and Self-assembled Materials	S02 Polymer Physics: Structure, Properties and Processing	S08 Polymers for the Environment	S03 Polymer Surfaces and Interfaces	S06 Polymers in 3D/4D Printing and Additive Manufacturing	S09 Polymers for Optoelectronics, Smart Electronics and Energy		S07 Polymers for Biomedicine and Personal Care	S02 Polymer Physics: Structure, Properties and Processing
Abstract ID	PPC16-A-0496 (I)	PPC16-A-0867 (I)	PPC16-A-0614 (I)	PPC16-A-0096 (I)	PPC16-A-0129 (I)	PPC16-A-0686	PPC16-A-0842 (I)	PPC16-A-0342 (I)	PPC16-A-0557 (I)		PPC16-A-1083 (I)	PPC16-A-0986 (I)
	PPC16-A-0376 (I)	PPC16-A-1157 (I)	PPC16-A-0217 (I)	PPC16-A-0040 (I)	PPC16-A-0463 (I)	PPC16-A-0784	PPC16-A-0534	PPC16-A-1037 (I)	PPC16-A-1022 (I)		PPC16-A-1085 (I)	PPC16-A-0961 (I)
	PPC16-A-0516 (I)	PPC16-A-0613	PPC16-A-0014 (I)	PPC16-A-0046 (I)	PPC16-A-0517 (I)	PPC16-A-1034	PPC16-A-0615	PPC16-A-1154 (I)	PPC16-A-0734		PPC16-A-0548 (I)	PPC16-A-0963
	PPC16-A-1012 (I)	PPC16-A-0786	PPC16-A-0425	PPC16-A-0358	PPC16-A-0495		PPC16-A-0646	PPC16-A-1073	PPC16-A-0112		PPC16-A-0689 (I)	
	PPC16-A-0016		PPC16-A-0670	PPC16-A-0303	PPC16-A-0825		PPC16-A-0755	PPC16-A-0712			PPC16-A-1009 (I)	
							PPC16-A-0778	PPC16-A-0274				
						PPC16-A-0967	PPC16-A-1043					
						PPC16-A-0988						
18:30 - 21:30 CONFERENCE BANQUET (Carlton Hotel, Empress Ballroom) <i>This is a ticketed event. Requires Advance Registration.</i>												
Thursday, 12 December 2019												
Note: All Happening at SUNTEC Level 3!												
08:30 - 10:45 PLENARY TALKS (Nicoll)												
"Macromolecular Therapeutics: Addressing the Issues Associated with Multidrug Resistance" - James L. HEDRICK, <i>IBM Research - Almaden San Jose, California</i>												
"Preparation of (Bio)hybrid Materials by Atom Transfer Radical Polymerization" - Krzysztof MATYJASZEWSKI, <i>Carnegie Mellon University</i>												
"Organic Nanoparticles for Sensing, Imaging and Therapy" - Bin LIU, <i>National University of Singapore</i>												
10:45 - 11:15 AM BREAK (Nicoll)												
11:15 - 12:45 PLENARY TALKS (CONT'D) (Nicoll)												
"Functional Nanomaterials Based on Block Copolymer Self-Assembly" - Jin Kon KIM, <i>POSTECH</i>												
"Bringing Materials to Life" - Andrew WHITTAKER, <i>The University of Queensland</i>												
12:45 - 13:30 AWARDS PRESENTATION & CLOSING (Nicoll)												
13:30 - 14:30 FAREWELL LUNCH (Summit)												