

PPS 2025 Program – Draft

Monday, September 22nd, 2025

3:00 PM-6:00 PM	Pre-registrant Name Card pickup
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Tuesday, September 23rd, 2025

7:00 AM - 8:30 AM					
Networking Breakfast & Registration (Registration will be available all day)					
8:30 AM - 10:00 AM					
Opening Ceremony and Conference Inaugurations <i>Royal City Ballroom</i>					
10:00 AM - 10:30 AM					
Coffee Break					
Parallel Sessions					
10:30 AM - 12:40 PM	S1 <i>Royal City Ballroom A</i> Polymer Composites	S2 <i>Royal City Ballroom B</i> Sustainable Materials and Processing	S3 <i>John McCrae Room</i> Biopolymers	S4 <i>Flanders Room</i> Recycling and Repurposing	S5 <i>Gryphon Room</i> Polymer Rheology + Polymer Electronics
10:30 AM - 10:55 AM	Petr Saha (218)	Sylvain Caillol (196)	Raj Krishnaswamy (44)	Hiroshi Ito (195)	Krishnamurthy Jayaraman (231)
10:55 AM - 11:20 AM	Chul B. Park (163)	Carson Meredith (168)	Suprakas Sinha Ray (144)	Uttandaraman Sundararaj (260)	Nicole R Demarquette (182)
11:20 AM - 11:40 AM	Adam Pearson (54)	Abderrahim Abdou Maazouz (77)	Kevin De France (48)	Ambre Phisbien (36)	Etdson E Herrera-Valencia (249)
11:40 AM - 12:00 PM	Bishnu Acharya (70)	Hanna Dodiuk (45)	Junuk Lee (206)	Charlie Chen (328)	Ehsan Behzadfar (164)
12:00 PM - 12:20 PM	Ashkan Dargahi (145)	Benjamin de Melo Carvalho (273)	Mohammed A. S. Ba Dughaiish (160)	Lucivan Barros (174)	Fausto Calderas (208)
12:20 PM - 12:40 PM	Seyed Rasoul Mousavi (37)	Adrian Krey (53)	Samuel Oggunniyi (24)	Faezeh Mahdavian (66)	Ella Löwensohn (100)
12:40 PM - 1:40 PM					
Networking Lunch					
1:45 PM - 2:40 PM					
Plenary Talk I AI for the Future of Polymers					
1:45 PM - 1:47 PM					
Introduction and Sponsor Talk					
1:47 PM - 1:50 PM					
Moderator					
1:50 PM - 2:35 PM					
Plenary Speaker Presentation - Rampi Ramprasad, 308					
2:35 PM - 2:40 PM					
Question & Answers					
2:40 PM - 3:10 PM					
Coffee Break and Transition					
Parallel Sessions					
3:10 PM - 5:20 PM	S6 <i>Royal City Ballroom A</i> Polymer Composites	S7 <i>Royal City Ballroom B</i> Sustainable Materials and Processing	S8 <i>John McCrae Room</i> Biopolymers	S9 <i>Flanders Room</i> Packaging, Recycling, and Repurposing	S10 <i>Gryphon Room</i> Nanomaterials and Nanocomposites+Modelling and Simulation+Plastics in Biomedical Applications
3:10 PM - 3:35 PM	Andrew Hrymak (180)	Parvinder Walia (250)	Ning Yan (151)	Abdellah Ajji (89)	Sam Kenig (315)
3:35 PM - 4:00 PM	Koon-Yang Lee (23)	Jorge Alberto Medina Perilla (323)	Monique Lacroix (229)	Margaret J Sobkowicz (264)	Kristina Oskman (183)
4:00 PM - 4:20 PM	Wataru Takarada (241)	Frank Lee (135)	Larissa Nardini Carli (236)	Li Xi (155)	Bin Lan (73)
4:20 PM - 4:40 PM	Danilo J. Carastan (106)	Khalid Lamnawar (186)	Rosica Mincheva (178)	Guralp Ozkoc (175)	Guilhermino José Macêdo Fecchine (102)
4:40 PM - 5:00 PM	Jessica De Micco (110)	Chanelle Gavin (265)	Talal Ahmed (57)	Emre Vatansever (140)	Peyman Jafarpour (256)
5:00 PM - 5:20 PM	Rachel Day (58)	Mandy Zheng (228)	Jierui Jian (78)	Aakash Chakraborty (279)	Ursula Stritzinger (85)
5:20 PM - 6:20 PM					
Transition					
5:20 PM - 6:30 PM					
Bioproducts Discovery and Development Centre Lab Tour (Interested attendees please meet at the registration desk)					
6:30 PM - 7:30 PM					
Poster Presentation and Review <i>Royal City Ballroom</i>					
7:30 PM - 9:00 PM					
Welcome Reception Event <i>Royal City Ballroom</i>					

Wednesday, September 24th, 2025

7:00 AM - 8:30 AM					
Registration and Networking Breakfast					
Parallel Sessions					
8:30 AM - 10:20 AM	S11 <i>Royal City Ballroom A</i> Polymer Composites	S12 <i>Royal City Ballroom B</i> Sustainable Materials and Processing	S13 <i>John McCrae Room</i> Microplastic Pollution, Mitigation, and Alternatives to PFAS	S14 <i>Flanders Room</i> Recycling and Repurposing	S15 <i>Gryphon Room</i> Upcycling, Techno-economic, Life-cycle, and Socioeconomic Analysis+Compounding and Compatibilization
8:30 AM - 8:55 AM	Jean-Marie Raquez (159)	Ramani Narayan (299)	Ramaswamy Nagarajan (316)	Biswanath Chattopadhyay (329)	Xianglan Bai (257)
8:55 AM - 9:20 AM	Giada Lo Re (200)	Rakesh Gupta (47)	DouglasHayes (332)	Gary Wnek (197)	Nathanael GUIGO (334)
9:20 AM - 9:40 AM	Apurv Gaidhani (71)	Jayita Jayita Bandyopadhyay (142)	Ahmad Arefi (25)	Manuela Vargas Rojas (109)	Kona Mondal (101)
9:40 AM - 10:00 AM	Sergejs Gaidukovs (194)	Devashish Pujari (262)	Animesh Dutta (170)	Wichean Khawdas (179)	Charles Martin (40)
10:00 AM - 10:20 AM	Hoda Oyarhoseini (156)	Jingfang Li (311)	Fatemeh Jahangiri (284)	Olivia Hosterman (222)	Ana I Ares-Pernas (31)
10:20 AM - 10:50 AM					
Coffee Break and Transition					
10:50 AM - 12:05 PM					
Industry Plenary Talks Polymer Processing Challenges of New Materials for Innovation in Industry [1. Mike Irwin - Woodbridge (336), 2. John Spalding - Bausch & Lomb (339)] & Q/A					
10:50 AM - 10:52 AM					
Introduction and Sponsor Talk					
10:52 AM - 10:57 AM					
Moderator					
10:57 AM - 11:23 AM					
Plenary Speaker Presentation #1 - Mike Irwin - Woodbridge, 336					
11:23 AM - 11:48 AM					
Plenary Speaker Presentation #2 - John Spalding - Bausch & Lomb, 339					
11:48 AM - 12:05 PM					
Question & Answers					
12:05 PM - 1:20 PM					
Networking Lunch					
1:25 PM - 2:20 PM					
Plenary Talk II Sustainable Polymers for Green Manufacturing					
1:25 PM - 1:27 PM					
Introduction and Sponsor Talk					
1:27 PM - 1:30 PM					
Moderator					
1:30 PM - 2:15 PM					
Plenary Speaker Presentation - Seeram Ramakrishna, 317					
2:15 PM - 2:20 PM					
Question & Answers					
2:20 PM - 2:35 PM					
Photoshoot & Transition					
Parallel Sessions					

2:40 PM - 4:25 PM	S16 Royal City Ballroom A Nanomaterials and Nanocomposites+Biopolymers+ Circularity	S17 Royal City Ballroom B Sustainable Materials, Foams and Porous Structures + Polymer Films, Membranes, and Coating	S18 John McCrae Room Additive Manufacturing + Artificial Intelligence and Industry 5.0	S19 Flanders Room Sustainability and Circular Economy	S20 Gryphon Room Polymer Composites		
2:40 PM - 3:05 PM	Aman Ullah (314)	Hom Nath Dhakal (214)	Srikanth Pilla (268)	Jinwen Zhang (215)	Nandika D'Souza (172)		
3:05 PM - 3:25 PM	Hadi Hosseini (91)	Hosseinali Omranpour (96)	Sara Liparoti (129)	Gabriel Matheus Pinto (266)	To Yo Troy Su (217)		
3:25 PM - 3:45 PM	Cecily A Ryan (346)	Jean-Mathieu Pin (230)	Jacek Andrzejewski (34)	James S Sternberg (225)	Vahid Shabafrooz (209)		
3:45 PM - 4:05 PM	Johannes Brikmann (98)	Saeed Arabi (274)	Itsuki Yoshikawa (108)	MiaoMiao Xiao (239)	Toby McMurray (104)		
4:05 PM - 4:25 PM	Haleh Naeim (39)	Ismail Khan (310)	Roxana Abdi (199)	Suman Kumar Ghosh (300)	Omayma Belgacem (267)		
4:25 PM - 4:55 PM	Coffee Break						
4:55 PM - 6:20 PM	Parallel Sessions						
	S16 Royal City Ballroom A Modelling and Simulation+Nanomaterials and Nanocomposites + Circularity	S17 Royal City Ballroom B Sustainable Materials, Foams and Porous Structures + Polymer Films, Membranes, and Coating	S18 John McCrae Room Additive Manufacturing + Artificial Intelligence and Industry 5.0	S19 Flanders Room Sustainability and Circular Economy	S20 Gryphon Room Polymer Composites		
	4:55 PM - 5:20 PM	Ying Li (251)	Michael Cunningham (165)	Lih-Sheng Turng (166)	Hongbo Li (46)	Jagannadth Satyavolu (322)	
	5:20 PM - 5:40 PM	Sara Andrea Simon (192)	Cyrille Sollogoub (271)	Alois K Schlarb (278)	Peng Ye (94)	Abbas Ghanbari (223)	
	5:40 PM - 6:00 PM	Mohamed Wahbi (118)	Fred Ma (189)	Lubhan Cherwoo (139)	Vidhya Raj (347)	Hendrik Möllers (177)	
	6:00 PM - 6:20 PM	Shivanthi P Dharmarathna (63)	Guneet Kaur (176)	Soroush Azhdari (105)	Max Lu (220)	Md Shadhin (152)	
	6:20 PM - 6:45 PM	Transition					
	6:45 PM - 11:00 PM	Dinner					
Thursday, September 25th, 2025							
7:00 AM - 8:30 AM	Registration and Networking Breakfast						
8:30 AM - 10:20 AM	Plenary Panel II Recycling, Upcycling & Circular Economy [1. John M. Torkelson; 90. 2. Nicolas Cottenye; 326. 3. Kim Ragaert; 325. 4. Jan-Georg Rosenboom; 327] & Q/A						
8:30 AM - 8:32 AM	Introduction and Sponsor Talk						
8:32 AM - 8:35 AM	Moderator						
8:35 AM - 8:55 AM	Planery Speaker Presentation #1 - John M. Torkelson, 90						
8:55 AM - 9:15 AM	Planery Speaker Presentation #2 - Nicolas Cottenye, 326						
9:15 AM - 9:35 AM	Planery Speaker Presentation #3 - Kim Ragaert, 325						
9:35 AM - 10:05 AM	Planery Speaker Presentation #4 - Jan-Georg Rosenboom, 327						
10:05 AM - 10:20 AM	Questions & Answers						
10:20 AM - 10:50 AM	Coffee Break and Transition						
10:50 AM - 12:35 PM	Parallel Sessions						
	S21 Royal City Ballroom A Honorary Session	S22 Royal City Ballroom B Sustainable Materials and Processing	S23 John McCrae Room Polymer Synthesis and Functionalization + Molding and Manufacturing	S24 Flanders Room Biopolymers + Polymers and Environment	S25 Gryphon Room Additive Manufacturing+Polymer blends and composites		
	10:50 AM - 11:15 AM	Marianna Kontopoulou (224)	Ica Manas-Zloczower (64)	Rodrigo Navia (321)	Zhaohui (Julene) Tong (318)	Aminul Islam (258)	
	11:15 AM - 11:35 PM	Shengtai Zhou (20)	Solmaz Karamikamkar (343)	Pierre Delliere (212)	Cristiano da Silva Teixeira (235)	Ehsan Pesaranhajabbas (286)	
	11:35 PM - 11:55 AM	Christopher W. Macosko (112)	Matias Menossi (282)	Atefe Sadeghi Lari (55)	Omid Aghababaei Tafreshi (134)	Majed Amini (59)	
	11:55 AM - 12:15 PM	John Vlachopoulos (191)	Jason Yu (252)	Çağla Girişken (193)	Alessia Romani (56)	Shakiba Samsami (88)	
	12:15 PM - 12:35 PM	Milana Trifkovic (255)	Paul C Eid (103)	Jardel Nobrega dos Santos (233)	Angelica Avella (202)	Malik Hassan (293)	
	12:35 PM - 1:35 PM	Networking Lunch					
1:40 PM - 3:25 PM	Parallel Sessions						
	S21 Royal City Ballroom A Honorary Session	S22 Royal City Ballroom B Sustainable Materials and Processing	S23 John McCrae Room Polymer Synthesis and Functionalization + Molding and Manufacturing	S24 Flanders Room Biopolymers + Polymers and Environment	S25 Gryphon Room Additive Manufacturing+Polymer blends and composites		
	1:40 PM - 2:05 PM	Frank Henning (319)	Anil N. Netravali (341)	John Lee (207)	Joao Maia (277)	Denis Rodrigue (111)	
	2:05 PM - 2:25 PM	Jana Sadhan (272)	Evan Mitsoulis (204)	Christopher L. Lewis (133)	Mehmet Ozgur Seydibeyoglu (187)	Muhammad Zubair (312)	
	2:25 PM - 2:45 PM	Qiang Liu (263)	Samaneh Salghi (42)	Tizazu H. Mekonnen (153)	Ishan Biswaray (132)	Carlos D. Villafane (51)	
	2:45 PM - 3:05 PM	Michael Thompson (35)	Debarshi Nath (303)	Mohammadreza Aali (50)	Debela T Tadele (107)	Kehinde Olonisakin (296)	
	3:05 PM - 3:25 PM	Manjusri Misra (259)	Chongkai Zhao (26)	Dinesha Thuvaregan (119)	Rohan Shorey (148)	Najmeh Taala (114)	
	3:25 PM - 3:55 PM	Coffee Break					
	3:55 PM - 5:20 PM	Parallel Sessions					
		S26 Royal City Ballroom A Modelling and Simulation+Composites	S27 John McCrae Room Sustainable Materials and Processing + Polymer Packaging	S28 Flanders Room Biodegradation and Compostability+Nanomaterials + Composites	S29 Gryphon Room Polymer Blends and Functional Polymer Systems		
		3:55 PM - 4:20 PM	Hani Naguib (161)	Leonardo Simon (349)	Mehdi Tajvidi (261)	3:55 PM - 4:20 PM	Patrick Lee (216)
		4:20 PM - 4:40 PM	Arturo Rodriguez (283)	Deniz Sarul (93)	Michael R. Snowdon (86)	4:20 PM - 4:45 PM	Maryam Safaei (115)
		4:40 PM - 5:00 PM	Abdullah Al Faysal (227)	Jianbo Lu (157)	Pedram Karimpour-Fard (143)		
		5:00 PM - 5:20 PM	Hugh R MacFarlane (305)	Reshma Krishnan (290)	Mateusz Barczewski (79)		
5:20 PM		Conference Closed					
5:20 PM - 6:20 PM		Bioproducts Discovery and Development Centre Lab Tour (interested attendees please meet at the registration desk)					
	Plenary panel/Plenary talk		Invited speaker		Coffee Break		
	Keynote speaker		Contributor Speaker		Lab Tours		
			Breaks				