

Plastics Compounding Twin Screw Workshop

Program agenda as of 10/14/25 – subject to change

Day 1 - Wed., December 3, 2025 @ Hyatt Hotel, Branchburg, NJ

8:00	Coffee/check-in	
8:30	Twin Screw Extrusion Theory, Tips and Test Results	Charlie Martin, Leistritz Extrusion
9:30	Metering and Screw Design	Brian Haight, Leistritz Extrusion
10:15	Break	
10:45	Twin Screw Mixing Mechanisms & Scale-up	Bill Thiele, Leistritz Extrusion
11:30	Die Design Modeling	John Perdikoulis, Compuplast
12:15	Lunch	
1:15	Devolatilization & Reactive Extrusion (REX)	Rob Jerman, Extrusion Tech. & Innovations
2:15	Compounding of High Filler Loadings	Sebastian Fraas, Leistritz Germany
3:00	Break	
3:30	Using AI for assisting operations for small and medium size compounders	Steve Jackson, WWPC
4:15	Die/downstream System Equipment Overview	Augie Machado, Leistritz Extrusion
5:00	Adjourn	
6:00-9:00	Dinner+ (transportation provided)	

Day 2 - Thurs., December 4, 2025 @ Hyatt and Leistritz Extrusion Process Laboratory

8:30	Best Practice Preventative Maintenance	Bill Novak, Leistritz Extrusion
9:00	Screw Nomenclature and Assembly	Brian Haight, Leistritz Extrusion
10-12:00	Twin Screw demos @ Leistritz laboratory Bus to/from Leistritz Extrusion Process Laboratory	
	- Co-rotating and counterrotating twin screw extruders	
	- Devolatilization via extrusion: ambient, vacuum assist, multi-stage venting	
	- Downstream addition of fillers, fibers and additives	
	- Downstream pelletizing system	
	- Direct sheet/film extrusion with gear pump front-end	
12:00	Lunch	
1-3:00	Panel Discussion – Debunking Twin Screw Myths 1 on 1 private meetings	
	Adjourn	