

Twin Screw Workshop

Program agenda:

Day 1 - Wed., December 4, 2024 @ Hyatt Hotel, Branchburg, NJ

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| 8:00 | Coffee+ (Open, Intro) | |
| 8:30 | Twin Screw Extrusion Theory, Tips and Test Results | Charlie Martin, Leistritz Extrusion |
| 9:30 | Metering Mechanisms 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 | Stripping Processes for VOC reduction/MFR control with rheometer | Sebastian Fraas, Leistritz Germany |
| 3:00 | Break | |
| 3:30 | Auxiliaries: Gear pumps and screen changers | Dana Darley, Consultant |
| 4:15 | Die/downstream System Overview | Augie Machado, Leistritz Extrusion |
| 5:00 | Adjourn | |
| 6:00-9:00 | Dinner+ (transportation provided) | |

Day 2 - Thurs., December 5, 2024 @ Hyatt and Leistritz Extrusion Process Laboratory

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| 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 <ul style="list-style-type: none">- 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 | 1 on 1 private meetings | |