

Slot Die Coating Master Class



Program Day I – Wednesday, June 12th, 2024

9.00 am	–	9.30 am	Welcome, course overview, safety briefing COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre
9.30 am	–	10.30 am	Particle characterization: Theory and practice ANTON PAAR GERMANY GMBH, Dr. Christoph Winkler
10.30 am	–	10.45 am	Coffee break
10.45 am	–	12.15 pm	Rheology in rotation and oscillation for printing and coating ANTON PAAR GERMANY GMBH, Mario Krautschick
12.15 pm	–	1.00 pm	Lunch break
1.00 pm	–	1.30 pm	Guided tour Coatema R&D centre COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D Centre
1.30 pm	–	3.00 pm	Practical session 1: Rheology in rotation and oscillation ANTON PAAR GERMANY GMBH, Mario Krautschick
3.00 pm	–	3.15 pm	Coffee break
3.15 pm	–	4.15 pm	Fundamentals and machinery for slot die coating COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre
4.15 pm	–	5.15 pm	Practical session 2: Hands-on slot die assembly COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre / Muammar Mor – Process Specialist
5.15 pm			Transfer to social dinner event

Program Day II – Thursday, June 13th, 2024

9.00 am	–	9.05 am	Welcome COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre
9.05 am	–	9.50 am	Surface energy and surface tension for coating and drying COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre
9.50 am	–	10.30 am	The necessity of numerical simulations for slot die coating?! When, where and how? COATEMA COATING MACHINERY GMBH, Dr. Pegah Shakeri – R&D Manager
10.30 am	–	10.45 am	Coffee break
10.45 am	–	12.15 pm	Practical session 3: Slot die coating on sheets and rigid substrates COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre / Muammar Mor – Process Specialist
12.15 pm	–	1.00 pm	Lunch break
1.00 pm	–	1.45 pm	What comes after the coating? Fundamentals of drying technology COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre
1.45 pm	–	2.15 pm	Advanced slot die coating and peripheral equipment COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre
2.15 pm	–	2.30 pm	Coffee break
2.30 pm	–	4.00 pm	Practical session 4: Roll-to-roll slot die coating COATEMA COATING MACHINERY GMBH, Thomas Exlager – Manager R&D centre
4.00 pm	–	4.30 pm	Q&A session and closing remarks

Stand: 11.03.2024 V01