

PROCESS ENGINEERING SCHOOL

Twin-Screw Basics – English

The logo for KraussMaffei is located in the top right corner. It consists of a blue, irregular polygonal shape. Inside this shape, the text "KraussMaffei" is written in a white, bold, sans-serif font. Below this, the tagline "Pioneering Plastics" is written in a smaller, orange, italicized sans-serif font.

KraussMaffei
Pioneering Plastics

Day 1
Room: Hudson, 1. Floor

Times	Module	Responsible
08:00 – 08:30	Reception and Registration / introduction of participants	Process Engineering School / Evelyn Wellmann
08:30 – 09:15	Company presentation Krauss Maffei	Expert Sales / Achim Richter
09:15 – 09:30	Break	Team
09:30 – 10:30	Factory tour	Expert Sales / Achim Richter
10:30 – 10:45	Break	Team
10:45 – 11:45	Basics of co-rotating twin screw extruders	Process Engineering / Gerhard Scheel
11:45 – 13:00	Lunch	Company Restaurant / Team
13:00 – 13:45	Examples of process technology	Process Engineering / Dr. Dietmar Becker // Schulungsraum groß
13:45 – 14:30	Pioneer Process Control	Systems Control Technology / Rene Jordan
14:30 – 15:00	Break	Team
15:00 – 15:15	Photo	Team / Innovation Center – Photopoint / Hannah
15:15 – 16:45	Practice in the Innovation Center 15:15 – 16:00 Station 1: Extruder / screw extruder / 16:00 – 16:45 Station 2: Hardware / Software	Process Technology / David Gralla/ Michael Brendel Electrical Engineering / Rene Jordan Systems Control Technology / Rene Jordan
18:00 Restaurant		



Day 2
Room: Schulungsraum (groß), 1. Floor

Times	Module	Responsible
08:30 – 09:15	Portfolio of digital lifecycle Services	DSS / Stefan Bockisch
09:15 – 10:00	Granulating technology in compounding	Fa. Maag / Reiner Kehrer / Frank Bruns
10:00 – 10:30	Break	Team
10:30 – 11:15	Vacuum technology	Fa. Edwards / Torge Lüchow
11:15 – 12:00	Efficient planning through innovative plant construction	Project planning / Lennart Eberlein
12:00 – 13:00	Lunch	Company Restaurant / Team
13:00 – 13:45	Efficient mixing of powders	Fa. Mixaco / Andreas Backhaus
13:45 – 14:30	Dosing techniques for twin screw	Fa. Brabender / Michael Weller & Michael Richtmann
14:30 – 14:45	Break	Team
14:45 – 18:20	Practice in the Innovation Center: • 14:45 –15:45 • Prozess 1: Compounding & UWG • Prozess 2: Recycling & Strang	Process Engineering / Lars Darnedde / Frank Bruns Process Engineering / Lars Biermann Fa. Mixaco / Andreas Backhaus Fa. Edwards / Torge Lüchow Fa. Brabender / Michael Weller & Michael Richtmann



Day 3
Room: Schulungsraum (groß), 1. Floor

Times	Module	Responsible
08:30 – 09:15	Lifecycle Services: Field Service Inspection & preventive maintenance	DSS / Michael Brendel
09:15 – 10:00	Programs for screw design	Process Engineering / Andreas Madle
10:00 – 10:30	Break Distribution of feedback sheets	Team PES / Evelyn Wellmann
10:30 – 11:45	Lifecycle Services: spare parts & retrofit	DSS / Stefan Bockisch
11:45 – 12:30	Final discussion Q&A distribution certificates farewell	Team PES / Evelyn Wellmann PES / Evelyn Wellmann