

Polymer Science & Engineering

	Monday, July 08 FAN A - 2.22	Tuesday, July 09 FAN A - 2.22	Wednesday, July 10 FAN A - 2.22	Thursday, July 11 FAN A - 2.22	Friday, July 12 FAN A - 2.22
09:00 to 10:30	Introduction Polymer Engineering Prof. Dr.-Ing. V. Altstädt	Practical Course 3 Groups E1: „Production of fiber-reinforced thermosets“ Bard	Lecture „The Envolvement of Polymeric Materials “ Prof. Dr.-Ing. R.W. Lang	Lecture „Structural Composites for thermal energy storage & release“ Prof. Dr. Alessandro Pegoretti	Lecture „Polymer based sandwich structures“ Prof. Dr.-Ing. V. Altstädt
10:30 - 10:45	Break	Break	Break	Break	Break
10:45 to 12:00	Introduction „Fiber reinforced plastics“ Prof. Dr.-Ing. V. Altstädt	Practical Course E2: „Extrusion of thermoplastic foils“ Aksit E3: „Foaming of polymers“ Weingart	Lecture „Polymeric Materials for Renewable Energy Technologies & for a Circular Economy“ Prof. Dr.-Ing. R.W. Lang	Lecture „3D-Printing with Polymer Nanocomposites“ Prof. Dr. Alessandro Pegoretti	free
12:00 - 13:30	Lunch	Lunch (after lunch FAN A 2nd floor)	Lunch	Lunch (13:20 between FAN A & B)	Lunch
13:30 to 15:00	Lecture „Plastics & Sustainable Development- Introduction I - Motivation and Expectations “ Prof. Dr.-Ing. R.W. Lang	Lecture „Sustainable Development in Context“ Prof. Dr.-Ing. R.W. Lang	Lecture „Fatigue and Creep Fracture of short-glass fiber reinforced composites“ Prof. Dr. Alessandro Pegoretti	Lecture „Improving Fiber/ Matrix Interfacial Strength through Nanofillers“ Prof. Dr. Alessandro Pegoretti	Industry Tour New Materials Bayreuth GmbH Prof. Dr.-Ing. V. Altstädt
15:00 - 15:15	Break	Break	Break	Break	Break
15:15 to 16:30	Lecture „Introduction II - Context, Scope & Aims“ Prof. Dr.-Ing. R.W. Lang	Lecture The Gobar Energy Transition Prof. Dr.-Ing. R.W. Lang	Lecture „Single Polymer Composites“ Prof. Dr. Alessandro Pegoretti	Lecture „Polymerfoams - Trends and Perspectives“ Prof. Dr.-Ing. V. Altstädt	Industry Tour New Materials Bayreuth GmbH

