

	Mo. 24.Jun.2013	Di. 25.Jun.2013	Mi.26.Jun.2013	Do.27.Jun.2013	Fr.28.Jun.2013
8:00 to 8:45	Polymer Physics I Introduction I	Polymer Physics V Dyn.-Mech. Char.	Polymer Blends III Characterization Methods	Rubber Chemistry XI Solution Rubber Q -- FKM	Mixing Technology Discontinuous Mixing Continuous Mixing
8:45 to 9:30	Polymer Physics II Introduction II	Polymer Physics VI Complex Moduls	Polymer Blends IV Interfaces	Rubber Chemistry XII Solution Rubber Q -- FKM	Nanocomposites I
9:35 to 10:20	Rubber Chemistry I Introduction	Polymer Blends I Compatibility/Miscibility	Rubber Chemistry VII Solution Rubber a) Overview	Polymer - Filler Interaction I Absorption, Dispersion	Polymer Physics XV Stress-Strain, Rubber Elasticity
10:20 :to 11:05	Rubber Chemistry II Introduction	Polymer Blends II Thermodynamics, Interaction Parameter	Rubber Chemistry VIII Solution Rubber b) Chemistry	Polymer Physics XII Influence of TG on Copolymers, Plasticizer	Polymer Physics XVI Ideal Statistic Chain, Gaussian Network
11:15 to 12:00	Nanostructured Fillers I Carbon Black, Silica		Polymer Physics IX Snoek Effect	Polymer Physics XIII Crosslinking, Rubber Elasticity	Rubber Chemistry XV TPE'S
Lunch Break					
13:15 to 14:00	Nanostructured Fillers li Manufacturing, Characterization	Rubber Chemistry IV NR, Emulsion Rubbers (I), SBR -- NBR -- CR	Polymer Physics X Site Exchange Model, Equivalence Time Temperature, Kink Model, Glass Transition,	Rubber Chemistry XIII Rubber Specialities EVM -- HNBR	Polymer Physics XVII Mooney-Rivlin, Filled Polymers
14:00 to 14:45	Nanostructured Fillers III Carbon Nanotubes, Layered Silicates	Rubber Chemistry V Emulsion Rubbers (II), SBR -- NBR -- CR	Polymer Physics XI Site Exchange Model, Equivalence Time Temperature, Kink Model, Glass Transition,	Rubber Chemistry XIV Rubber Specialities EVM -- HNBR	Nanocomposites II
14:50 to 15:35	Polymer Physics III Stress-Strain, Modulus, Viscosity	Rubber Chemistry VI Solution Rubber a) Overview	Polymer Blends V Phase Morphology	Polymer Physics XIV Crosslinks and Filler	Rubber Chemistry XVI TPE'S
15:35 to 16:20	Polymer Physics IV Relaxation, Retardation	Polymer Physics VII Measurements	Rubber Chemistry IX Solution Rubber b) Chemistry	Polymer - Filler Interaction II Molecular Influences, Surface Activity	Discussion
16:25 to 17:10	Rubber Chemistry III NR, Emulsion Rubbers (I), SBR -- NBR -- CR	Polymer Physics VIII Maxwell, Kelvin Voigt, Generalized	Rubber Chemistry X Solution Rubber c) EPDM	Polymer - Filler Interaction III Filler Distribution	Discussion