

Friday, Sept. 28

Chair: H. Pleiner	9:00-9:40	I5-Godinho	Liquid Crystalline Cellulose Elastomers under Uniaxial Strain
	9:40-10:20	I6-Finkelmann	Mechanics and Reorientation Behavior of S_A -Elastomers
	10:20-10:50	<i>Coffee break</i>	
	10:50-11:20	O6-Sanchez Ferrer	Uniaxial and Shear Deformations in Smectic-C Main-Chain Liquid-Crystalline Elastomers
	11:20-11:50	O7-Hiraoka	Reversible Shape Change of Smectic C Elastomers, Crosslinking Topology and Shape Memory Effect
	11:50-12:20	O8-Hedden	Mechanical Damping in Polydomain Main-chain Smectic Elastomers
	12:20-14:20	<i>Lunch</i>	
Chair: R. Selinger	14:20-14:55	I7-Brand	Liquid Crystalline Elastomers vs Magnetic Gels: Similarities and Differences in their Physical Properties
	14:55-15:25	I8-DeSimone	Liquid Crystal Elastomers: Mathematical Analysis and Numerical Simulation
	15:25-16:20	<i>Coffee break & Discussion on C_5</i>	
	16:20-16:50	O9-Garcia Marquez	Synthesis and Study of Novel Main Chain Liquid Crystalline Elastomers
	16:50-17:20	O10-Obraztsov	Order and Disorder by Random Crosslinking in Smectic Elastomers
	17:20-17:50	O11-Cordoyiannis	Impact of Crosslinking Density on Critical Behavior in Liquid Single-Crystal Side-Chain and Main-Chain Elastomers
	17:50-18:20	O12-Chambers	Reprocessing of liquid crystal elastomers with conducting particles