



**International Discussion Meeting on the
Nonequilibrium Phenomena in Complex Elastomers/Gels
November 5 and 6, 2007, Mainz, MPI for Polymer Research, H. Staudinger Hall
on the occasion of Prof. Harald Pleiner's 60th birthday.**

Monday November 5, 2007

13.00 – 13.45	Registration and Lunch
13.45 – 14.00	K. Kremer, Mainz: Introductory Remarks
14.00 - 14.30	J. F. Joanny, Paris: Fluctuations in active polar gels
14.30 - 15.00	W. Zimmermann, Bayreuth: tba
15.00 - 15.30	R. Stannarius, Magdeburg: Smectic Elastomer in the Geometry of Free Standing Films, Bubbles and Filaments
15.30 - 16.00	Coffee Break
16.00 - 16.30	H. Finkelmann, Freiburg: S_A - Elastomers
16.30 - 17.00	P. Martinoty, Paris: Uniaxial nematic elastomers, uniaxial swollen nematic elastomers and uniaxial nematic gels: similarities and differences in their mechanical response
17.00 - 17.30	M. Liu, Tübingen: On the Surprising Similarity Between Sand and ... Polymers
17.30 – 18.00	S. Odenbach, Dresden: tba
18.00 - 21.00	Buffet Dinner

Tuesday November 6, 2007

09.00 – 09.30	H. R. Brand, Bayreuth: Liquid Crystalline Elastomers vs Magnetic Gels: Similarities and Differences in their Physical Properties
09.30 – 10.00	J. Harden, Ottawa: Soft Glassy Rheological Behavior of Smectic Liquid Crystals in Silica Gels
10.00 – 10.30	T. Gisler, Konstanz: Force-induced structural transitions in DNA files
10.30 – 11.00	Coffee Break
11.00 – 11.30	P. Cladis, Summit, NJ: Tetrahedral Banana Liquid Crystals
11.30 - 12.00	S. Zumer, Ljubljana: tba
12.00	H. Pleiner, Mainz: Concluding Remarks End of Conference