Short talks by participants

N. Goddard: *Sequence dependent rigidity of ssDNA*
M. Mueller: *Nature of the glassy phase and sequence disorder in RNA folding*
N. Dekker: *Single molecule studies of topoisomerase I*
Z. Gueroui: *Stretching DNA in order to image transcription*
K. Kruse: *Actively interacting polar filaments*
I. Derenyi: *Formation of membrane tubes and protein segregation along them*
A. Zilman: *Thermodynamics and structure of self-assembling networks*
Z. Frenkel: *Molecular dynamics study of protein folding*
R. Horwath: *Biosensors based on planar optical waveguides*
P. Gala jda: *Light-driven micro-machines and their possible use in biology*
N. Gadegaard: *Cell response to nano- and microstructures of biological and non-biological origin*
J. Tegenfeld: *A barcode reader for DNA based on near field optical detection*
M. Dahan: *Visualizing the motion of individual membrane receptors*
Y. Orlov: *Computer system “Gene Discovery” for retrieving organization patterns in eukaryotic regulatory systems*
T. Liverpool: *Viscoelasticity of solutions of motile polymers*
D. Biron: *Cooperative reproduction at single cell level – the midwife*

Poster and e-poster sessions

V. Baulin: *Neutral water soluble polymers and their interaction with colloids*
D. Dan: *Noise-induced transport in rocked inhomogeneous ratchets*
H. Delanoe: *Nucleation and growth of contact between biological cells*
C. Gabel: *Response of E. Coli flagellar motor to changes in its energy source*
F. Gabel: *Global dynamics in Thylakoid membranes*
I. Kosinska: *Stochastic resonance in discrete maps*
G. Koster: *Spacial organization of lipid bilayers by motor proteins and microtubules*
C. Prinz: *Cell lysis and DNA extraction of a microfabricated device*
C. Tanase: *A Brownian ratchet model for microtubule force production*
I. Tessmer: *Optical tweezers studies of the effect of DNA-binding drugs on single molecules of DNA*
I.-M. Tolic: *Measuring the traction forces exerted by cells*
S. Tolic-Nørrelýkke: *Single molecule study of RNA polymerase*
A. Vifan: *Self-tuned Hopf bifurcation in auditory hair cells*
M. Weiss: *A in silico approach to protein sorting in the Golgi apparatus*
Z. Kora: *The maximal force generated by a molecular motor*
C. Gorba: *Brownian dynamics simulation of multi-protein systems*
Y. Orlov: *Transcription regulatory region database (TRRD)*