

Table 3:
 Joint publications between 1 June 2007 and 31 May 2008

Journal	Authors	Title	Partners
Soft Matter 2, 476-485 (2007)	J.Oberdisse, P.Hine and W.Pyckhout-Hintzen	Structure of interacting aggregates of silica nanoparticles in a polymer matrix: small angle scattering and reverse Monte Carlo simulations	1a, 11, 1a
Phys. Rev. Lett. 98, 168301 (2007)	K.Niedziedz, A.Wischnewski, M.Monkenbusch, D.Richter, C.Genix, A.Arbe, J.Colmenero, J.Strauch and E.Straube	Polymer Chain dynamics in a random environment: Heterogenous mobilities	1a, 20, 1a
Biomacromolecules 8, 2173 (2007)	H.Iatrou, H.Frielinghaus, S.Nevanpää, N.Ferderigos, O.Kkala, D.Richter, J.Mays and N.Hadjichristidis	Architecturally induced multiresponsive vesicles from well-defined polypeptides - formation of gene vehicles	1a, 23
J. Applied Crystallography 40, s327 (2007)	R.Lund, L.Willner, D.Richter, H.Iatrou, N.Hadjichristidis and S.Lindner	Unraveling the equilibrium chain exchange kinetics of polymeric micelles by neutron scattering - architectural and topological effects	1a, 23
Phys. Rev. Lett. 99, 197802 (2007)	M.P.Lettinga and E.Grelet	Self-diffusion of rodlike viruses through smectic layers	1b, 18c
J. Phys. Chem. C 111, 5025 (2007)	J.Rodriguez-Fernandez, J.Perez-Juste, L.M.Liz-Marzan and P.R.Lang	Dynamic Light Scattering of Short Au Rods with Low Aspect Ratios	1b, 19
J. Chem. Phys. 127, 244909 (2007)	S.Jungblut, R.Tuinier, K.Binder and T.Schilling	Depletion induced isotropic-isotropic phase separation in suspensions of rod-like colloids	1b, 2
Meas. Sci. Technol. 19, 34017 (2008)	G.Meier, R.Vavrin, J.Kohlbrecher, J.Buitenhuis, M.P.Lettinga and M.Ratajczyk	SANS and dynamic light scattering to investigate the viscosity of toluene under high pressure up to 1800 bar	1b, 24
European Phys. J. E 23, 355 (2007)	R.Tuinier, T.Taniguchi, H.H.Wensink	Phase behavior of a suspension of hard spherocylinders plus ideal polymer chains	1b, 5
Rheologica Acta 47, 257 (2008)	J.K.G.Dhont and W.J.Briels	Gradient and vorticity banding	1b, 9
European Phys. J. E 25, 61 (2008)	J.K.G.Dhont and W.J.Briels	Single-particle thermal diffusion of charged colloids : Double-layer theory in a temperature gradient	1b, 9
Langmuir 24, 1686 (2008)	B.J.Park, J.P.Pantina, E M.Furst, M.Oettel, S.Reynaert and J.Vermant	Direct Measurements of the Effects of Salt and Surfactant on Interaction Forces between Colloidal Particles at Water-Oil Interfaces	2, 14
J. Chem. Phys. 127, 154903 (2007)	R.A.L.Vallee, W.Paul and K.Binder	Single molecule probing of the glass transition phenomenon: simulations of several types of probes	2, 14
Europysics Letters 79, 46001 (2007)	R.A.L.Vallee, M.Van der Auweraer, W.Paul and K.Binder	What can be learned from the rotational motion of single molecules in a polymer melt near the glass transition?	2, 14
Computer Physics Communications 177, 140 (2007)	K.Binder, J.Horbach, A.Milchev, M.Müller and R.Vink	Monte Carlo simulations of phase transitions of systems in nanoscopic confinement	2, 5

European Phys. J. 23, 431 (2007)	A.Giahi, M.El Alaoui Faris, P.Bassereau and T.Salditt	Active membranes studied by X-ray scattering	6, 15
J. Chem. Phys. 127, 204711 (2007)	T.Foster, S.A.Safran, T.Sottmann and R.Strey	Scattering form-factors for self-assembled network-junctions	7, 22
J. Non-Newtonian Fluid Mechanics 146, 11 (2007)	E.S.Boek, J.T.Padding, V.J.Anderson, W.J.Briels and J.P.Crawshaw	Flow of entangled wormlike micellar fluids: Mesoscopic simulations, rheology and mu-PIV experiments	9, 27
J. Rheology 52, 649 (2008)	K.N.Pham, G.Petekidis, D.Vlassopoulos, S.U.Egelhaaf, W.C.K.Poon and P.N.Pusey	Yielding behavior of repulsion- and attraction- dominated colloidal glasses	12, 5
Chemistry of Materials 19, 3448-3454 (2007)	A.Aerts, L.R.A.Follens, M.Haouas, T.P.Caremans, M.A.Delsuc, B.Loppinet, J.Vermant, B.Goderis, F.Taulelle, J.A.Marten and C.E.A. Kirschhock	Combined NMR, SAXS, and DLS study of concentrated clear solutions used in silicalite-1 zeolite synthesis	14, 23, 14
Phys. Rev. Lett. 99, 205701 (2007)	A.E.Bailey, W.C.Poon, R.J.Christianson, A.B.Schofield, U.Gasser, V.Prasad, S.Manley, P.N.Segre, L.Cipelletti, W.V.Meyer, M.P.Doherty, S.Sankaran, A.L.Jankovsky, W.L.Shiley, J.P.Bowen, J.C.Eggers, C.Kurta, T.Lorik and P.N.Pusey	Spinodal Decomposition in a Model Colloid-Polymer Mixture in Microgravity	18b, 12
Optics Express 15, 15250 (2007)	L.Brunel, A.Brun, P.Snabre and L.Cipelletti	Adaptive Speckle Imaging Interferometry: a new technique for the analysis of microstructure dynamics, drying processes and coating formation	18b, 18c, 18b
J. Rheol. 51, 1047-1072 (2007)	P.Ballesta, M.P.Lettinga and S.Manneville	Superposition rheology of shear-banding wormlike micelles	18c, 1b
Macromolecules 41, 511 (2008)	R.Lund, L.Willner, A.Alegria, J.Colmenero and D.Richter	Self-Concentration and Interfacial Fluctuation Effects on the Local Segmental Dynamics of Nanostructured Diblock Copolymer Melts	20, 1a
Phys. Rev. Lett. 99, 107801 (2007)	A.J.Moreno and C.N.Likos	Diffusion and Relaxation Dynamics in Cluster Crystals	20, 5
Phys. Rev. E 76, 41402 (2007)	P.Smith, G.Petekidis, S.U.Egelhaaf and W.C.K.Poon	Yielding and crystallisation of Colloidal Gels under oscillatory shear	23, 12
J. Chem. Phys. 126, 214501 (2007)	K.Kang, A.Wilk, A.Patkowski and J.K.G.Dhont	Diffusion of spheres in isotropic and nematic networks of rods: electrostatic interactions and hydrodynamic screening.	24, 1b
Meas. Sci. Technol. 19, 34017 (2008)	G.Meier, R.Vavrin, J.Kohlbrecher, J.Buitenhuis, M.P.Lettinga and M.Ratajczyk	SANS and dynamic light scattering to investigate the viscosity of toluene under high pressure up to 1800 bar	24, 1b

J. Chem. Phys. 128, 14507 (2008)	H.Kriegs, G.Meier, J.Gapinski and A.Patkowski	The effect of intra-molecular relaxations on the damping of longitudinal and transverse phonons in polysiloxanes studied by Brillouin spectroscopy	24, 1b
Soft Matter 4, 337 (2008)	A.J.W.ten Brinke, L.Bailey, H.N.W.Lekkerkerker and G.C.Maitland	Rheology modification in mixed shape colloidal dispersions. Part II: mixtures	27, 8b
Soft Matter 3, 1145 (2007)	A.J.W.ten Brinke, L.Bailey, H.N.W.Lekkerkerker and G.C.Maitland	Rheology modification in mixed shape colloidal dispersions. Part I: pure components	27, 8b, 27
Energy & Fuels 22, 805 (2008)	E.S.Boek, H.K.Ladva, J.P.Crawshaw and J.T.Padding	Deposition of Colloidal Asphaltene in Capillary Flow: Experiments and Mesoscopic Simulation	27, 9
Soft Matter 4, 870 (2008)	M.R.Stukan, E.S.Boek, J.T.Padding, W.J.Briels and J.P.Crawshaw	Flow of wormlike micelles in an expansion-contraction geometry	27, 9
Langmuir 23, 10140 (2007)	J.Penfold, R.K.Thomas, C.C.Dong, I.Tucker, K.Metcalf, S.Golding and I.Grillo	Equilibrium surface adsorption behavior in complex anionic/nonionic surfactant mixtures	28, 13
Langmuir 23, 8357 (2007)	J.Penfold, I.Tucker, J.Petkov and R.K.Thomas	Surfactant adsorption onto cellulose surfaces	28, 13
J. Non-Newtonian Fluid Mechanics 148, 134 (2008)	J.Szymanski, A.Wilk, R.Holyst, G.Roberts, K.Sinclair and A.Kowalski	Micro- and macro-shear viscosity in dispersed lamellar phases	28, 24
Phys. Rev. Lett. 1, 84501 (2008)	P.B.Warren and F.Stepanek	Wall shear rate distribution for flow in random sphere packings	28, 33
Phys. Rev. E 76, 51404 (2007)	V.Trappe, E.Pitard, L.Ramos, A.Robert, H.Bissig and L.Cipelletti	Investigation of q-dependent dynamical heterogeneity in a colloidal gel by x-ray photon correlation spectroscopy	35, 18b