

Table 4:  
 SoftComp publications by one SoftComp partner between 1 June 2007 and 31 May 2008

Journal	Authors	Title	Partner
Macromolecules 40, 4972 - 4981 (2007)	J.Stellbrink, A.Niu, J.Allgaier, D.Richter, B.W.Koenig, R.Hartmann, G.W.Coates and L.J.Fetters	Analysis of Polymeric Methylaluminoxane (MAO) via Small Angle Neutron Scattering	1a
Phys. Rev. E 76, 41503 (2007)	M.Laurati, J.Stellbrink, R Lund, L.Willner, D.Richter and E.Zaccarelli	Asymmetric poly(ethylene-alt-propylene)- poly(ethylene oxide) micelles: A system with star-like morphology and interactions	1a
J. Phys. Chem. B 112 (3), 784 (2008)	A.Ramzi, C.Rijcken, T.Veldhuis, D.Schwahn, W.Hennink and C.van Nostrun	Core-Shell Structure of Degradable, Thermosensitive Polymeric Micelles studied by Small-Angle Neutron Scattering	1a
Philos. Mag. 87, 389 (2007)	U.Buchenau, R.Zorn, M.Ohl, and A.Wischnewski	Dielectric and thermal relaxation in the energy landscape	1a
Biofizika 52, 799 - 803 (2007)	D.V.Lebedev, M.Monkenbusch, V.I.Shalguev, V.A.Lantsov and V.V.Isaev-Ivanov	Dynamic properties of RecA protein filaments from E-coli and P-aeruginosa investigated by neutron spin echo	1a
Eur. Phys. Journal ST 141, v (2007)	B.Frick, M.Koza and R.Zorn	Editorial	1a
AIP Conf. Proceedings 982, 79 (2008)	R.Zorn, M.Mayorova, D.Richter, A.Schönhals, L.Hartmann, F.Kremer and B.Frick	Effect of nanoscopic confinement on the microscopic dynamics of glass-forming liquids and polymers studied by inelastic neutron scattering	1a
J. of Applied Crystallography 40, s97 - s100 (2007)	A.Radulescu, D.Schwahn and J.Stellbrink	Hierarchical structures formed by partially crystalline polymers in solution: from fundamentals to applications - a combined conventional, focusing and ultra-small-angle neutron scattering study	1a
Soft Matter 4, 522 (2008)	R.Zorn, M.Mayorova, D.Richter and B.Frick	Inelastic neutron scattering study of a glass- forming liquid in soft confinement	1a
J. Phys. Chem. B 111, 2166 - 2173 (2007)	G.Mangiapia, R.Ricciardi, F.Auriemma, C.de Rosa, F.Lo Celso, R.Triolo, R.K.Heenan, A.Radulescu, A.M.Tedeschi, G.D'Errico and L.Paduano	Mesoscopic and Microscopic Investigation on Poly(vinyl alcohol) Hydrogels in the Presence of Sodium Decylsulfate	1a
J. Phys. Chem. C 111, 15736 (2007)	G.Rother, Y.B.Melnichenko, D.R.Cole, H.Frielinghaus and G.D.Wignall	Microstructural characterization of adsorption and depletion regimes of supercritical fluids in nanopores	1a
J. Non Crystalline Solids 353, 3853 (2007)	A.Schoenhals, C.Schick, B.Frick, M.Mayorova and R.Zorn	Molecular Dynamics in Glass-forming Poly(phenyl methyl siloxane) as Investigated by Broadband Thermal, Dielectric and Neutron Spectroscopy	1a
Polymer Mater. Sci. Eng. 97, 948 (2007)	A.Schönhals, Ch.Schick, H.Huth, B.Frick, M.Mayorova and R.Zorn	Molecular Mobility of Poly(phenyl methyl siloxane) Investigated by Thermal, Dielectric and Neutron Spectroscopy	1a

Nucl. Instr. Meth. A 572, 874 (2007)	R.Zorn	Multiple scattering correction of neutron scattering elastic scans	1a
J. Physics Condensed Matter 19, 205106 (2007)	U.Buchenau, A.Wischnewski, M.Ohl and E.Fabiani	Neutron scattering evidence on the nature of the boson peak	1a
Polymer 48, 3930- 3934 (2007)	E.De Luca, T.A.Waigh, M.Monkenbusch, J.S.Kim and H.S.Jeon	Neutron spin echo study of the dynamics of micellar solutions of randomly sulphonated polystyrene	1a
Chemical Physics 345, 133 (2008)	S.Teixeira, G.Zaccai, T.Forsyth, P.Timmins, J.Peters, F.Natali, M.Tehei, G.Fragneto, W.Heller, G.Lynn, V.Urban, K.Weiss, Y.Mo, F.Meilleur, J.Ankner, K.Herwig, D.Myles, I.Tanaka, U.-I.Suzuki, N.Torikai and K.Shibata	New Sources and Instrumentation for Neutrons in Biology	1a
Langmuir 23, 6526 (2007)	C.Frank, H.Frielinghaus, J.Allgaier and H.Prast	Nonionic surfactants with linear and branched hydrocarbon tails: compositional analysis, phase behavior, and film properties in bicontinuous microemulsions	1a
Biophys. J. 93, 1736 - 1746 (2007)	M.Vaccaro, A.Accardo, G.D'Errico, K.Schillén, A.Radulescu, D.Tesauro, G.Morelli and L.Paduano	Peptides and Gd Complexes Containing Colloidal Assemblies as Tumor-Specific Contrast Agents in MRI: Physicochemical Characterization	1a
Phys. Chem. Chem. Phys. 9, 6150 (2007)	G.Mangiapia, H.Frielinghaus, G.D'Errico, O.Ortona, R.Sartorio and L.Paduano	Physico-chemical and structural properties of hydrogels formed by chitosan, in the presence and absence of poly(vinylpyrrolidone) and sodium decylsulfate	1a
Phys. Rev. Lett. 98, 168301 (2007)	K.Niedzwiedz, A.Wischnewski, M.Monkenbusch, D.Richter, A.C.Genix, A.Arbe, J.Colmenero, M.Strauch and E.Straube	Polymer chain dynamics in a random environment: Heterogeneous mobilities	1a
IFF Spring School 39, C1.1 - C1.23 (2008)	H.Frielinghaus	Polymer Conformations	1a
AIP Conf. Proceedings 982, 429-439 (2008)	D.Richter, K.Niedzwiedz, M.Monkenbusch, A.Wischnewski, R.Biehl, B.Hoffmann and R.Merkel	Polymer dynamics from synthetic to biological macromolecules	1a
Duffusion Fundamentals 7, 10.1 - 10.16 (2007)	D.Richter, R.Biehl, M.Monkenbusch, B.Hoffmann and R.Merkel	Polymer dynamics from synthetic to biological macromolecules	1a
J. of Applied Crystallography 40, S28 - S33 (2007)	D.Richter	Polymer dynamics: from synthetic polymers to proteins	1a
J. Chem. Phys. 126, 235101 (2007)	R.Sinibaldi, M.G.Ortore, F.Spinozzi, F.Carsughi, H.Frielinghaus, S.Cinelli, G.Onori and P.Mariani	Preferential hydration of lysozyme in water/glycerol mixtures: A small-angle neutron scattering study	1a

Biomacromolecules 9, 314 (2008)	L.J.R.Foster, D.Schwahn, V.Pipich, P.J.Holden and D.Richter	SANS Characterisation of Polyhydroxyalkanoates and their BioPEGylated Hybrids in Solution	1a
Macromolecules 41, 2212-2218 (2008)	Y.Karatas, W.Pyckhout- Hintzen, R.Zorn and H.D.Wiemhoefer	SANS investigation of chain dynamics in pure and salt-containing poly(bismethoxyphosphazene)	1a
Eur. Phys. Journal Special Topics ST, 141, 255 - 260 (2007)	A.Schönhals, H.Goering, B.Frick, M.Mayorova and R.Zorn	Segmental dynamics of poly(methylphenyl siloxane) confined to nanoporous glasses	1a
Phys. Rev. E 76, 51603 (2007)	H.Frielinghaus	Small-angle scattering model for multilamellar vesicles	1a
Review of Scientific Instruments 78, 125101 (2007)	J.Kohlbrecher, A.Bollhalder, R.Vavrin and G.Meier	A high pressure cell for small angle neutron scattering up to 500 MPa in combination with light scattering to investigate liquid samples	1b
Phys. Rev. E 76, 41802 (2007)	G.-J.Flee and R.Tuinier	Analytical phase diagram for colloid-polymer mixtures	1b
Phys. Rev. E 76, 51405 (2007)	T.-H.Fan, B.Xie and R.Tuinier	Asymptotic analysis of tracer diffusivity in nonadsorbing polymer solutions	1b
J. Chem. Phys. 126, 44707 (2007)	P.Holmqvist, J.K.G.Dhont and P.R.Lang	Colloidal dynamics near a wall studied by evanescent wave light scattering: Experimental and theoretical improvements and methodological limitations	1b
J. Chem. Phys. 127, 124906 (2007)	P.R.Lang.	Depletion interaction mediated by polydisperse rods	1b
J. Chem. Phys. 127, 34906 (2007)	M.G.McPhie and G.Naegele	Long-time self-diffusion of charged colloidal particles: Electrokinetic and hydrodynamic interaction effects	1b
Phys. Rev. E 75, 11803 (2007)	T.-H.Fan, J.K.G.Dhont and R.Tuinier	Motion of a sphere through a polymer solution	1b
Langmuir 23, 4332 (2007)	D.Kleshchanok and P.R.Lang	Steric Repulsion by Adsorbed Polymer Layers Studied with Total Internal Reflection Microscopy	1b
J. Colloid and Interface Science 310, 446 (2007)	Z.Zhang, A.E.Berns, S.Willbold and J.Buitenhuis	Synthesis of poly(ethylene glycol) (PEG)- grafted colloidal silica particles with improved stability in aqueous solvents	1b
Small 3, 424 (2007)	Z.Zhang and J.Buitenhuis	Synthesis of Uniform Silica Rods, Curved Silica Wires, and Silica Bundles Using Filamentous fd Virus as a Template	1b
J. Phys. Chem. B 111, 14169 (2007)	S.Wiegand, H.Ning and H.Kriegs	Thermal diffusion forced Rayleigh scattering setup optimized for aqueous mixtures	1b
Biomacromolecules 8, 3345 (2007)	C.F.Rediguieri, O.de Freitas, M.P.Lettinga and R.Tuinier.	Thermodynamic Incompatibility and Complex Formation in Pectin/Caseinate Mixtures	1b
Langmuir 23, 12010 (2007)	P.Holmqvist, D.Kleshchanok and P.R.Lang	Unexpected slow near wall dynamics of spherical colloids in a suspension of rods	1b
J. Phys. Chem. B 111, 8486-8493 (2007)	R.G.Winkler and A.G.Cherstvy	Adsorption of Weakly Charged Polyelectrolytes onto Oppositely Charged Spherical Colloids	1c
Phys. Rev. E 76, 11804 (2007)	Y.Yang, T.W.Burkhardt, and G.Gompper	Free energy and extension of a semiflexible polymer in cylindrical confining geometries	1c
J. Chem. Phys. 128, 144902 (2008)	Y.-G.Tao, I.O.Götze and G.Gompper	Multiparticle collision dynamics modeling of viscoelastic fluids	1c

J. Chem. Phys. 128, 34502 (2008)	J.L.McWhirter	Phase behavior of a simple dipolar fluid under shear flow in an electric field	1c
J. Chem. Phys. 127, 34904 (2007)	E.Eisenriegler and A.Bringer	Polymer depletion profiles around nonspherical colloidal particles	1c
Phys. Rev. E 76, 46705 (2007)	I.Götze, H.Noguchi and G.Gompper	Relevance of angular momentum conservation in mesoscale hydrodynamics simulations	1c
Europhysics Lett. 79, 36002 (2007)	H.Noguchi and G.Gompper	Transport coefficients of dissipative particle dynamics with finite time step	1c
Eur. Phys. Journal E 25, 309-321 (2008)	R.Finken, A.Lamura, U.Seifert and G.Gompper	Two-dimensional fluctuating vesicles in linear shear flow	1c
Phys. Rev. Lett. 99, 54501 (2007)	D.I.Dimitrov, A.Milchev and K.Binder	Capillary Rise in Nanopores: Molecular Dynamics Evidence for the Lukas-Washburn Equation	2
Phys. Rev. Lett. 99, 118302 (2007)	D.Frydel, M.Oettel and S.Dietrich	Charge renormalization for effective interactions of colloids at water interfaces	2
Langmuir 24, 1425 (2008)	M.Oettel and S.Dietrich	Colloidal interactions at fluid interfaces	2
Phys. Rev. E 76, 26706 (2007)	C.Pastorino, T.Kreer, M.Müller and K.Binder	Comparison of Dissipative Particle Dynamics and Langevin Thermostats for Out-of-Equilibrium Simulations of Polymeric Systems	2
Philos. Mag. Letters 87, 799 (2007)	K.Binder	Double-Well Thermodynamic Potentials and Spinodal Curves: How Real Are They?	2
J. Chem. Phys. 128, 104501 (2008)	B.M.Mognetti, L.Yelash, P.Virnau, W.Paul, K.Binder, M.Müller and L.G.MacDowell	Efficient prediction of properties of quadrupolar fluids from simulations of a coarse-grained model. The case of carbon-dioxide	2
Phys. Rev. E 76, 41403 (2007)	M.Oettel	Entrapment of charged, nonwetting colloids near oil–water interfaces	2
Phys. Rev. E 76, 26702 (2007)	V.A.Ivanov, E.A.An, L.A.Spirin, M.R.Stukan, M.Müller, W.Paul and K Binder	Equation of state for macromolecules of variable flexibility in good solvents: A comparison of techniques for Monte Carlo simulations of lattice models	2
J. Chem. Phys. 128, 114904 (2008)	A.Dominguez, M.Oettel and S.Dietrich	Force balance of particles trapped at fluid interfaces	2
Phys. Chem. Chem. Phys. 10, 1867 (2008)	D.I.Dimitrov, A.Milchev and K Binder	Forced Imbibition - a Tool for Determining Laplace Pressure and Drag Force in Capillary Filling Experiments	2
Langmuir 24, 1232 (2008)	D.I.Dimitrov, A.Milchev and K.Binder	Molecular Dynamics Simulations of Capillary Rise Experiments in Nanotubes Coated with Polymer Brushes	2
Phys. Rev. E 77, 020401R (2008)	D.Frydel, A.Dominguez and M.Oettel	Multipole expansion of the electrostatic interaction between charged colloids at interfaces	2
J. Phys. Condensed Matter 19, 413101 (2007)	F.Bresme and M.Oettel	Nanoparticles at fluid interfaces	2
Macromolecular Symposia 252, 1 (2007)	W.Paul, F.Rampf, T.Strauch and K.Binder	New Results on the Collapse Transition(s) of Flexible Homopolymers	2
Macromolecular Theory and Simulations 16, 660 (2007)	H.-P.Hsu, W.Paul and K Binder	One- and Two-Component Bottle Brush Polymers: Simulations Compared to Theoretical Predictions	2

J. Chem. Phys. 127, 84905 (2007)	D.I.Dimitrov, A.Milchev and K.Binder	Polymer brushes in solvents of variable quality: Molecular Dynamics simulations using explicit solvent	2
Macromolecular Symposia 252, 47 (2007)	D.Dimitrov, A.Milchev and K.Binder	Polymer brushes on flat and curved substrates: Scaling concepts and computer simulations	2
Macromolecular Symposia 252, 58 (2007)	H.-P.Hsu, W.Paul and K.Binder	Simulation of Copolymer Bottle-Brushes	2
Phys. Rev. E 77, 41506 (2008)	B.M.Mognetti, M.Oettel, L.Yelash, P.Virnau, W.Paul and K.Binder	Spherically averaged versus angle-dependent interactions in quadrupolar fluids	2
Phys. Rev. E 75, 60801 (2007)	W.Paul, T.Strauch, F.Rampf and K.Binder	The Unexpectedly Normal Phase Behavior of Single Homopolymer Chains	2
J. Chem. Phys. 127, 204706 (2007)	A.Dominguez, M.Oettel and S.Dietrich	Theory of capillary-induced interactions beyond the superposition approximation	2
J. Chem. Phys. 128, 64903 (2008)	J.Luettmer-Strathmann, F.Rampf, W.Paul and K.Binder	Transitions of tethered polymer chains	2
Phys. Rev. E 76, 21108 (2007)	H.-P.Hsu, K.Binder, A.M.Skvortsov and L.I.Klushin	What is the order of the 2d escape transition	2
J. Phys. Chem. B 111, 12799 (2007)	B.M.Mladek, D.Gottwald, G.Kahl, M.Neumann and C.N.Likos	Clustering in the absence of attractions: density functional theory and computer simulations	5
Phys. Rev. Lett. 100, 108302 (2008)	S.van Teeffelen, C.N.Likos, and H.Löwen	Colloidal crystal growth at externally imposed nucleation clusters	5
J. Phys. Condensed Matter 20, 115101 (2008)	G.Pellicane, R.Vink, C.Caccamo and H.Loewen	Colloid-polymer mixtures in presence of quenched disorder: a theoretical and computer simulation study	5
Phys. Rev. Lett. 100, 28301 (2008)	B.M.Mladek, G.Kahl and C.N.Likos	Computer assembly of cluster-forming amphiphilic dendrimers	5
Molecular Physics 105, 1849 (2007)	N.Hoffmann, C.N.Likos and H.Löwen	Correlations of two-dimensional super- paramagnetic colloids in tilted external magnetic fields	5
AIP Conf. Proceedings 982, 284 (2008)	H.Loewen, H.H.Wensink, and M.Rex	Driven colloidal mixtures and colloidal liquid crystals	5
Phys. Rev. E 76, 21403 (2007)	M.Rex, H.H.Wensink and H.Loewen	Dynamical density functional theory for anisotropic colloidal particles	5
Polymer 49, 1425 (2008)	F.Lo Verso and C.N.Likos	End-functionalized polymers: versatile building blocks for soft materials	5
Soft Matter 3, 1130 (2007)	M.Konieczny and C.N.Likos	From sea-urchins to starfishes: controlling the adsorption of star-branched polyelectrolytes on charged walls	5
Soft Matter 4, 480 (2008)	J.Fornleitner, F.Lo Verso, G.Kahl and C.N.Likos	Genetic algorithms predict formation of exotic ordered phases for two-component dipolar monolayers	5
Phys. Rev. E 75, 51402 (2007)	M.Rex and H.Loewen	Lane formation in oppositely charged colloids driven by an electric field: pairing and two-dimensional crystallization	5

<p>Europphys Lett. 78, 38002 (2007)</p>	<p>E.Allahyarov, E.Zaccarelli, F.Sciortino, P.Tartaglia and H.Loewen</p>	<p>Interaction between charged colloids in a low dielectric constant solvent</p>	<p>5</p>
<p>Phys. Rev. Lett. 100, 118302 (2008)</p>	<p>K.Kegler, M.Konieczny, G.Dominguez-Espinosa, C.Gutsche, M.Salomo, F.Kremer and C.N.Likos</p>	<p>Polyelectrolyte-compression forces between spherical DNA brushes</p>	<p>5</p>
<p>J. Phys. Chem. C 111, 15803 (2007)</p>	<p>F Lo Verso, C.N.Likos and H.Löwen</p>	<p>Simulation of thermally sensitive telechelic star polymers</p>	<p>5</p>
<p>Europphys Lett. 80, 48001 (2007)</p>	<p>L.Assoud, R.Messina and H.Loewen</p>	<p>Stable crystalline lattices in two-dimensional binary mixtures of dipolar particles</p>	<p>5</p>
<p>Phys. Rev. E 77, 21905 (2008)</p>	<p>A.Schaefer, T.Salditt and M.Rheinstaedter</p>	<p>Atomic force microscopy study of thick lamellar stacks of phospholipid bilayers</p>	<p>6</p>
<p>Europphys Lett. 79, 18003 (2007)</p>	<p>K.Giewekemeyer and T.Salditt</p>	<p>Counterion distribution near a monolayer of variable charge density</p>	<p>6</p>
<p>Biophys. J. 92, 3978 (2007)</p>	<p>D.Constantin, G.Brotons, A.Jarre, C.Li and T.Salditt</p>	<p>Interaction of alamethicin pores in DMPC bilayers</p>	<p>6</p>
<p>Colloids and Surfaces A: Physicochem. and Eng. Aspects 303, 97 (2007)</p>	<p>D.Qu, G.Brotons, V.Bosio, A.Fery, T.Salditt, D.Langevin and R.von Klitzing</p>	<p>Interactions across liquid thin films</p>	<p>6</p>
<p>Phys. Rev. E 75, 11907 (2007)</p>	<p>M.Rheinstaedter, T.Seydel and T.Salditt</p>	<p>Nanosecond molecular relaxations in lipid bilayers studied by high energy-resolution neutron scattering and in situ diffraction</p>	<p>6</p>
<p>Biophys. J. 93, 3156 (2007)</p>	<p>J.Hub, T.Salditt, M.Rheinstaedter and B.de Groot</p>	<p>Short-Range Order and Collective Dynamics of DMPC Bilayers: A Comparison between Molecular Dynamics Simulations, X-Ray, and Neutron Scattering Experiments</p>	<p>6</p>
<p>Eur. Phys. Journal E. 24, 277 (2007)</p>	<p>M.Gotter, T.Sottmann, M.Baciu, U.Olsson, H.Wennerström and R.Strey</p>	<p>A comprehensive, time-resolved SANS investigation of temperature-change-induced sponge-to-lamellar and lamellar-to-sponge phase transformations in comparison to 2H-NMR results</p>	<p>7</p>
<p>Biophys. J., Supl. S Supl. S, 239A-240A (2007)</p>	<p>G.Shearman, S.C.Sebai, X.Mulet, M.Baciu, O.Ces, J.A.Clarke, C.Plisson, R.V.Law, R.H.Templer, A.Gee and C.A.Parker</p>	<p>A novel mechanism for drug transport through membranes</p>	<p>7</p>
<p>Colloids and Surfaces A: Physicochem. and Eng. Aspects 317, 328 (2008)</p>	<p>C.Stubenrauch, T.Wielpütz, T.Sottmann, C.R.Chowdhury and F.J.DiSalvo</p>	<p>Amphiphilic block-copolymers of the type poly(ethylenepropylene)-co-poly(ethyleneoxide) dramatically enhance the solubilisation efficiency of non-ionic surfactants in microemulsions that contain equal volumes of water in oil. Consequently, the I</p>	<p>7</p>
<p>J. Chem. Phys. 128, 54502 (2008)</p>	<p>T.Foster, R.Schweins, R Strey and T.Sottmann</p>	<p>Small-Angle-Neutron-Scattering from Giant Water-in-Oil Microemulsion Droplets I. Ternary System</p>	<p>7</p>
<p>J. Chem. Phys. 128, 064902 (2008)</p>	<p>T.Foster, R.Schweins, R.Strey and T.Sottmann</p>	<p>Small-Angle-Neutron-Scattering from Giant Water-in-Oil Microemulsion Droplets II. Polymer-decorated Droplets in a Quaternary System</p>	<p>7</p>

J. Colloid Interface Sci. 312, 114 (2007)	S.Engelskirchen, N.Elsner, T.Sottmann and R.Strey	Triacylglycerol microemulsions stabilized by alkyl ethoxylate surfactants – A basic study: Phase behaviour, interfacial tensions and microstructure	7
Review of Scientific Instruments 78, 103902 (2007)	Y.L.Wu, J.H.J.Brand, J.L.A.van Gemert, J.Verkerk, H.Wisman, A.van Blaaderen and A.Imhof	A new parallel plate shear cell for in situ real-space measurements of complex fluids under shear flow	8a
Phys. Rev. E 77, 031402 (2008)	A.Torres, A.Cuetos, M.Dijkstra and R.van Roij	Breakdown of the Yukawa model in de-ionized colloidal suspensions	8a
Optics Express 15, 18275 (2007)	S.-H.Lee, Y.Roichman, G.-R.Yi, S.-H.Kim, S.-M.Yang, A.van Blaaderen, P.van Oostrum and D.G.Grier	Characterizing and tracking single colloidal particles with video holographic microscopy	8a
Phys. Rev. E 75, 61404 (2007)	M.Marechal and M.Dijkstra	Crystallization of colloidal hard spheres under gravity	8a
J. Chem. Phys. 128, 24904 (2008)	A.Fortini, P.G.Bolhuis and M.Dijkstra	Effect of excluded volume interactions on the interfacial properties of colloid-polymer mixtures	8a
J. Phys. Chem. B 111, 7825 (2007)	H.Reich, M.Dijkstra, R.van Roij and M.Schmidt,	Entropic Wetting and the Free Isotropic-Nematic Interface of Hard Colloidal Platelets	8a
Phys. Rev. Lett. 99, 055501 (2007)	E.Sanz, C.Valeriani, D.Frenkel and M.Dijkstra	Evidence for Out-of-Equilibrium Crystal Nucleation in Suspensions of Oppositely Charged Colloids	8a
Phys. Rev. Lett. 98, 198303 (2007)	J.Baumgartl, R.P.A.Dullens, M.Dijkstra, R.Rot, and C.Bechinger	Experimental Observation of Structural Crossover in Binary Mixtures of Colloidal Hard Spheres	8a
Chemistry Chemical Physics 9, 6405 (2007)	M.E.Leunissen, J.Zwanikken, R.van Roij, P.M.Chaikin and A.van Blaaderen	Ion partitioning at the oil–water interface as a source of tunable electrostatic effects in emulsions with colloids	8a
Soft Matter 4, 757 (2008)	A.Cuetos, R.van Roij and M Dijkstra	Isotropic-to-nematic nucleation in suspensions of colloidal rods	8a
Optics Express 15, 11629 (2007)	A.van der Horst, A.I.Campbell, L.K.van Vugt, D.A.M.Vanmaekelbergh, M.Dogterom and A.van Blaaderen	Manipulating metal-oxide nanowires using counter-propagating optical line tweezers	8a
Phys. Rev. Lett. 98, 188304 (2007)	C.P.Royall, J.Dzubiella, M.Schmidt and A.van Blaaderen	Nonequilibrium sedimentation of colloids on the particle scale	8a
J. Phys. Chem. C 112, 4146 (2008)	J.J.Penninkhof, A.Moroz, A.van Blaaderen and A.Polman	Optical properties of spherical and oblate spheroidal gold shell colloids	8a
Phys. Rev. E 75, 041405 (2007)	A.Torres, A.Cuetos, M.Dijkstra and R.van Roij	Sedimentation of charged colloids: The primitive model and the effective one-component approach	8a
Small 4, 134 (2008)	J.Fölling, S.Polyakova, V.Belov, A.van Blaaderen, M.L.Bossi and S.W.Hell	Synthesis and characterization of photoswitchable fluorescent silica nanoparticles	8a
J. Non-Newtonian Fluid Mechanics 150, 11 (2008)	R.S.Graham and T.C.B.McLeish	Emerging applications for models of molecular rheology	11

Macromolecules 40, 6748 (2007)	A.E.Likhtman, S.K.Sukumaran and J.Ramirez	Linear viscoelasticity from molecular dynamics simulation of entangled polymers	11
Nucleic Acids Research 36, 21 (2008)	S.A.Harris, C.A.Laughton and T.B.Liverpool	Mapping the Phase Diagram of DNA Nanocircles using Atomistic Molecular Dynamics Simulations	11
Rheologica Acta 47, 283 (2008)	P.D.Olmsted	Perspectives on Shear Banding	11
J Chem Phys 126, 244904 (2007)	J.Ramirez, S.K.Sukumaran and A.E.Likhtman	Significance of cross correlations in the stress relaxation of polymer melts	11
Macromolecules 41, 1901 (2008)	O.O.Mykhaylyk, P.Chambon, R.S.Graham, J.P.R.Fairclough, P.D.Olmsted and A.J.Ryan	The specific flow of work as a criterion for orientation in polymer crystallisation	11
Nature Materials 6, 966 (2007)	E.M.Herzig, K.A.White, A.B.chofield, W.C.K.Poon and P.S.Clegg	Bicontinuous emulsions stabilized solely by	12
J. Physics Condensed Matter 20, 113101 (2008)	P.S.Clegg	Fluid-bicontinuous gels stabilized by interfacial colloids: low and high molecular weight fluids	12
Nature Physics 3, 636 (2007)	C.P.Royall, D.G.A.L.Aarts and H.Tanaka	Bridging lengthscales in colloidal liquid-vapour interfaces from critical divergence to single particles	13
Philos. Mag. Letters 87, 893 (2007)	R.P.A.Dullens, D.G.A.L.Aarts and W.K.Kegel	Colloidal crystal-fluid interfaces	13
Eur. Phys. Lett. 81, 600004 (2008)	V.W.A.de Villeneuve, J.M.J.van Leeuwen, J.W.J.de Folter, D.G.A.L.Aarts, W.van Saarloos and H.N.W.Lekkerkerker	Residence and waiting times of Brownian interface fluctuations	13
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