

Updated Program

**21<sup>st</sup> Conference of the  
European Colloid and Interface Society**

**ECIS 2007**

September 10-14, 2007

<http://ecis2007.unige.ch/>

Jointly with

**1<sup>st</sup> Workshop of the COST Action D43  
“Colloid and Interface Science for Nanotechnology”**

September 13, 2007

<http://costd43.unige.ch/>

International Conference Centre, Geneva, Switzerland

Version 2, September 5, 2007

## Monday afternoon, September 10, 2007

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12:00 – 13:15 Registration and lunch

### 1 Welcome and opening plenary lecture (room 2)

Chair: Michal Borkovec, *University of Geneva, Switzerland.*

13:15 – 13:30 Welcome

13:30 – 14:10 Bo Jönsson, *Chemical Center, Lund, Sweden.*

The interaction of highly charged particles or macromolecules (plenary lecture 1)

### 1.2 Afternoon session on structured surfaces and biointerfaces (room 2)

Chair: Theo Van de Ven, *McGill University, Montreal, Canada.*

14:10 – 14:40 Marcus Textor, *ETH Zürich, Switzerland.*

Design of biointerfaces at the micro- and nanoscale: Application to 2D surfaces and 3D objects (keynote lecture 1.2)

14:40 – 15:00 Julia Fornleitner, Federica LoVerso, Gerhard Kahl, Christos C. Likos, *Technische Universität Wien, Austria and Heinrich-Heine Universität Düsseldorf, Germany.*

Exotic ordered equilibrium structures in binary two-dimensional soft systems (1.2.1)

15:00 – 15:20 J. C. Fernández-Toledano, A. Moncho-Jordá, F. Martínez-López, Roque Hidalgo-Álvarez, *University of Granada, Spain.*

Mesostructures formation at colloidal monolayers induced by interfacial non-homogeneities at the air-water interface (1.2.2)

15:20 – 15:50 Coffee

15:50 – 16:10 Anna Salvati, Tiago Santos, Iker Montes, Ian Miller, William Gallagher, Yuri Volkov, Iseult Lynch, Kenneth Dawson, *University College and Trinity College, Dublin, Ireland.*

Interaction of polymeric nanoparticles with cells: Understanding the factors affecting the intracellular localization and cellular processes (1.2.3)

16:10 – 16:30 Xinsheng Peng, Jian Jin, Izumi Ichinose, *National Institute for Material Science, Japan.*

Composite nanofibrous thin films for size selective separation of proteins (1.2.4)

16:30 – 17:30 Verre d'amitié – Welcome drink

## Monday afternoon, September 10, 2007, continued

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### 1.3 Afternoon session on colloidal fluids, crystals and glasses (room 3)

Chair: Eckhard Bartsch, *University of Freiburg, Germany.*

14:10 – 14:40 Henk N. W. Lekkerkerker, *Utrecht University, The Netherlands.*  
Gelation versus liquid crystal phase transitions in suspensions of charged colloidal platelets (keynote lecture 1.3)

14:40 – 15:00 Vladimir Lobaskin, Burkhard Dünweg, Thomas Palberg, Luis Rojas-Ochoa, Ramon Castaneda-Priego, *Technical University of Munich, Max-Planck-Institute for Polymer Research, Mainz, and University of Mainz, Germany; Cinvestav-IPN and University of Guanajuato, Mexico.*  
Volume fraction dependence of structural and dynamic properties of charged colloidal dispersions in the low salt regime (1.3.1)

15:00 – 15:20 Agnès Duri, Luca Cipelletti, Régine Perzinski, Aymeric Robert, *Deutsches Elektronen Synchrotron (Desy) and Hamburger Synchrotronstrahlungslabor (Hasylab), Germany; University of Montpellier II and University of Pierre et Marie Curie - ESPCI, France, Stanford Linear Accelerator Center, Stanford, USA.*  
Temporal heterogeneity and spatial correlation of the slow dynamics of soft glassy systems (1.3.2)

15:20 – 15:50 Coffee

15:50 – 16:10 Peter Holmqvist, Peter Lang, Jan Dhont, *Forschungszentrum Jülich, Germany.*  
Near wall dynamics of spherical colloids and the influence of a suspension of rods (1.3.3)

16:10 – 16:30 Urs Gasser, D. Reinke, H. Stark, H.-H. von Grünberg, A.B. Schofield, G. Maret, *ETH Zurich and Paul Scherrer Institut, Villigen, Switzerland; University of Konstanz, Max-Planck-Institut für Dynamik und Selbstorganisation, Göttingen, Germany; Karl-Franzens-Universität, Graz, Austria; University of Edinburgh, UK.*  
Non-central forces in crystals of charged colloids (1.3.4)

16:30 – 17:30 Verre d'amitié – Welcome drink

## Tuesday morning, September 11, 2007

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### 2 Highlight topic plenary lecture (room 2)

Chair: Victor Starov, *Loughborough University, UK.*

9:00 – 9:40 Thomas Kissel, Christine Oster, Matthias Wittmar, Lea Ann Dailey, *University of Marburg, Germany.*  
Polymeric nano-carriers for pulmonary drug and gene delivery (plenary lecture 2)

9:40 – 10:10 Coffee

### 2.2 Morning session on pharmaceutical applications and drug delivery systems (room 2)

Chair: Lennart Piculell, *Lund University, Sweden.*

10:10 – 10:40 Alexander T. Florence, *University of London, UK.*  
Adhesion, aggregation, flow and diffusion in nanocarrier targeting and drug delivery (keynote lecture 2.2)

10:40 – 11:00 Julie Guery, David A. Weitz, Jérôme Bibette, Wai K. Ng, Reginald B.H. Tan, *Institute of Chemical and Engineering Sciences, Crystallisation and Particle Sciences, Singapore; Department of Physics, Harvard University, Cambridge, USA; Laboratory of Colloidal and Divided Materials, CNRS-UMR, ESPCI, Paris, France.*  
Crystallizable double emulsions for controlled release (2.2.1)

11:00 – 11:20 Karine Mondon, Robert Gurny, Michael Möller, *Department of Pharmaceutics and Biopharmaceutics, University of Geneva and University of Lausanne, Switzerland.*  
Novel hexyl substituted polylactide micelles as drug carriers for poorly soluble drugs (2.2.2)

11:20 – 11:40 Lior Ziserman, Amram Mor, Dganit Danino, *Technion, Haifa, Israel.*  
Kinetics of chiral self-assembly of lipoamino acids into nanotubes (2.2.3)

11:40 – 12:00 Karen Fisher, Rhodri Jones, Jonathan W. Aylott, Vesselin N. Paunov, *University of Hull and University of Nottingham, UK.*  
A novel technique for nanosensor delivery through cellular membranes (2.2.4)

12:00 – 13:30 Lunch

## Tuesday morning, September 11, 2007, continued

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### 2.3 Morning session on nucleation, growth, and organization of colloids (room 3)

Chair: Antonio Fernández-Barbero, *University of Almería, Spain.*

10:10 – 10:40 Jens Rieger, *BASF Aktiengesellschaft, Ludwigshafen, Germany.*

Precursor structures in crystallization/precipitation processes  
and control of particle formation by polyelectrolytes (keynote lecture 2.3)

10:40 – 11:00 Olivier Spalla, Benjamin Abecassis, Fabienne Testard, Philippe Barbour,  
*CEA Saclay, Gif sur Yvette and ENSCP, LCAES UMR Paris, France.*

Nucleation, growth and superlattice formation of gold nanoparticles probed by time resolved synchrotron SAXS  
(2.3.1)

11:00 – 11:20 Djamal Zerrouki, Jean Baudry, Jerome Bibette, *Laboratoire Colloïdes et Matériaux Divisés, ESPCI, CNRS, UPMC,  
Paris, France.*

Assembling colloids with controlled tacticity (2.3.2)

11:20 – 11:40 David R. E. Snoswell, C. L. Bower, P. Ivanov, M. J. Cryan, J. G. Rarity and B. Vincent, *University of Bristol and  
Kodak European Research, Cambridge, UK.*

Dynamic control of diffraction within colloidal crystals (2.3.3)

11:40 – 12:00 Aylin M. Deliormanlı, Erdal Çelik, Mehmet Polat, *Izmir Institute of Technology and Dokuz Eylul University, Turkey.*  
Lead magnesium niobate inks for direct write assembly of 3D periodic structures (2.3.4)

12:00 – 13:30 Lunch

## Tuesday afternoon, September 11, 2007

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### 3.2 Afternoon session on on self-assembly processes and nanocomposites (room 2)

Chair: Georg Parastavrou, *University of Geneva, Switzerland.*

13:30 – 14:00 Andreas Frömsdorf, Carsten Schellbach, Andreas Timmann, Stephan V. Roth, Peter Lindner, Stephan Förster, *University of Hamburg and HASYLAB/DESY, Hamburg, Germany; Institute-Laue-Langvin, Grenoble, France.*

Ghost-peaks, aligning, and twinning: Ordering in self-assembled soft materials (keynote lecture 3.2)

14:00 – 14:20 Aernout A. Martens, Y. Yan, M. W. T. Werten, G. Eggink, M. A. Cohen Stuart, F. A. de Wolf, *Bioconversion and Wageningen University and Research Centre, The Netherlands.*

Self-assembly of designer peptide block copolymers with charged blocks (3.2.1)

14:20 – 14:40 Jordi Esquena, J. Nestor, C. Solans, *Institut d'Investigacions Químiques i Ambientals de Barcelona (IIQAB), Spain.*

Preparation of silica with dual meso-/macro- porosity in highly concentrated emulsions by a single-step method (3.2.2)

14:40 – 15:00 Nina Vlachy, Audrey Renoncourt, Didier Touraud, Jean-Marc Verbavatz, Werner Kunz, *University of Regensburg, Germany; C.E. de Saclay, Gif sur Yvette, France.*

Blastulae vesicles: Spontaneous formation of catanionic superstructures (3.2.3)

15:00 – 15:20 Pieter Saveyn, Jan Cocquyt, Torbjörn Drakenberg, Gerd Olofsson, Ulf Olsson, Paul Van der Meeren, *Ghent University, Belgium; Lund University, Sweden.*

Incomplete lipid chain freezing of sonicated vesicular dispersions of double-tailed ionic surfactants (3.2.4)

15:20 – 17:00 Poster session A and coffee (lower level)

## Tuesday afternoon, September 11, 2007, continued

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### 3.3 Afternoon session on interfaces and specific ion effects (room 3)

Chair: Jordan G. Petrov, *Bulgarian Academy of Sciences, Sofia, Bulgaria.*

13:30 – 14:00 Luc Belloni, Yulia Chikina, Viswanath Padmanabhan, Luc Girard, Jean Daillant, *Service de Chimie Moléculaire, CEA/Saclay, France.*

Ion specificity in bulk electrolytes and at interfaces: Ionic adsorption measurements and continuous vs discrete solvent description (keynote lecture 3.3)

14:00 – 14:20 Epameinondas Leontidis, Andria Aroti, *University of Cyprus, Nicosia, Cyprus.*

The “neutral anion” in the Hofmeister series: Dependence on the interface (3.3.1)

14:20 – 14:40 Christine L. Henry, Vincent S. J. Craig, *Australian National University, Australia.*

Ion-specific bubble coalescence inhibition in single and mixed electrolytes (3.3.2)

14:40 – 15:00 Grazyna Para, Joanna Wegrzynska, Kazimiera Anna Wilk, Piotr Warszyński, *Polish Academy of Sciences, Krakow, and Wrocław University of Technology, Poland.*

Effect of multiple charge on the adsorption of cationic surfactants (3.3.3)

15:00 – 15:20 Silke Stöckle, Rumen Krastev, Helmut Mönwald, *Max Planck Institute of Colloids and Interfaces, Potsdam, Germany.*

Dynamics of thinning of foam films from  $\beta$ -dodecyl maltoside ( $\beta$ -C<sub>12</sub>G<sub>2</sub>) (3.3.4)

15:20 – 17:00 Poster session A and coffee (lower level)

## Wednesday morning, September 12, 2007

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### 4 Rhodia prize award plenary lecture (room 2)

Chair: Maria Graça Miguel, *Coimbra University, Portugal.*

9:00 – 9:40 Peter Schurtenberger, *University of Fribourg, Switzerland.*

Dynamical arrest in colloidal suspensions: From Wigner glasses to viscoelastic phase separation (plenary lecture 4)

9:40 – 10:10 Coffee

### 4.2 Morning session on nanomaterials in pharmacy and biotechnology (room 2)

Chair: Robert Gurny, *University of Geneva, Switerland.*

10:10 – 10:40 Florence Delie, A. Cirstoiu-Hapca, M. Gaumet, A. Vargas, R. Gurny, *School of Pharmaceutical Sciences, University of Geneva, University of Lausanne, Switzerland.*

Role of physicochemical properties of nanocarriers as drug delivery systems (keynote lecture 4.2)

10:40 – 11:00 Valérie Ravaine, Véronique Lapeyre, *Université de Bordeaux 1, CNRS, Institut des Sciences Moléculaires, ENSCPB, Pessac, France.*

Insulin delivery from glucose-responsive microgels (4.2.1)

11:00 – 11:20 Magdalena Baci, Sarra C. Sebai, Xavier Mulet, Oscar Ces, James A. Clarke, Robert V. Law, Richard H. Templer, Christophe Plisson, Antony Gee, Christine A. Parker, *University of Cologne, Germany; Imperial College London and Addenbrookes Hospital, Cambridge, UK.*

Evidence that drug molecules eat their way through membranes (4.2.2)

11:20 – 11:40 Nicolas Tsapis, Emilia Pisani, Juliane Paris, Catherine Ringard, Véronique Rosilio, Elias Fattal, *Université Paris-Sud CNRS, Châtenay-Malabry, France.*

Influence of surfactants on the encapsulation of perfluorooctyl bromide within polymeric capsules used as ultrasonic contrast agents (4.2.3)

11:40 – 12:00 M. Carmen Morán, Jorge Costa-Pereira, M. Graça Miguel, Björn Lindman, *Coimbra University, Portugal and Lund University, Lund, Sweden.*

DNA gel particles: Particle preparation and release characteristics (4.2.4)

12:00 – 13:30 Lunch



## Wednesday morning, September 12, 2007, continued

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### 4.3 Morning session on charging, adsorption, and energetics of interfaces (room 3)

Chair: Ulf Olsson, *Lund University, Sweden*.

10:10 – 10:40 Victoria Buch, Anne Milet, Robert Vácha, J. Paul Devlin, Pavel Jungwirth, *Hebrew University, Jerusalem, Israel; Université Joseph Fourier, Grenoble, France; Academy of Sciences Sciences, Prague, Czech Republic; Oklahoma State University, Stillwater, USA*.

Water surface is acidic (keynote lecture 4.3)

10:40 – 11:00 Christophe Labbez, *CNRS, Université de Bourgogne, Dijon, France*.

On the charging process of minerals (4.3.1)

11:00 – 11:20 J. Bowers, A. Zarbakhsh, I. A. McLure, R. Cubitt, J. R. P. Webster, R. Steitz, Hugo K. Christenson, *University of Exeter, University of Leeds, Queen Mary University of London, University of Sheffield, UK; Institut Laue-Langevin, Grenoble, France; Rutherford Appleton Laboratory, Oxon, UK; Hahn-Meitner-Institut, Berlin, Germany*.

Adsorption from binary fluids: The transition from critical to van der Waals wetting (4.3.2)

11:20 – 11:40 Subir Bhattacharjee, Farshid Mostowfi, Jan Czarnecki, Jacob Masliyah, *University of Alberta, Edmonton, Canada*.

Electric breakdown of thin films: A microfluidic approach for stability measurement of water in oil emulsion films (4.3.3)

11:40 – 12:00 Hans-Jürgen Butt, Dmytro Golovko, Elmar Bonaccorso, *Max-Planck-Institute for Polymer Research, Mainz, Germany*.

On the derivation of Young's equation for sessile drops: Non-equilibrium effects due to evaporation (4.3.4)

12:00 – 13:30 Lunch

## Thursday morning, September 13, 2007

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### 5 Joint ECIS / COST plenary lecture (room 2)

Chair: Björn Lindmann, *Lund University, Sweden.*

9:00 – 9:40 Zbigniew Adamczyk, *Polish Academy of Sciences, Cracow, Poland.*

Adsorption of colloid particles at heterogeneous surfaces bearing sites of various shapes (plenary lecture 5)

9:40 – 9:10 Coffee

### 5.2 Morning COST workshop session on nanoparticles and their applications (room 2)

Chair: Gordon Tiddy, *University of Manchester, UK.*

10:10 – 10:40 Luis M. Liz-Marzán, *University of Vigo, Spain.*

Further progress in size and shape control for metal colloids (keynote lecture 5.2)

10:40 – 11:00 Thomas Zemb, *Institut de Chimie Séparative de Marcoule, Bagnols sur Cèze, France.*

Oxide nanoparticles suspended in ionic solids: A potential self-repairing nanomaterial? (5.2.1)

11:00 – 11:20 Carmen Galassi, *National Research Council, Faenza, Italy.*

Colloid chemistry applied to ceramic suspensions (5.2.2)

11:20 – 11:40 Finn K. Hansen, *University of Oslo, Norway.*

Solid phase organocatalysis (5.2.3)

11:40 – 12:00 Brian Vincent, *University of Bristol, UK.*

Microgel particles for controlled uptake and release (5.2.4)

12:00 – 13:30 Lunch

## Thursday morning, September 13, 2007, continued

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### 5.3 Morning session on self-assembly processes at interfaces (room 3)

Chair: Paul Van Der Meeren, *Ghent University, Belgium.*

10:10 – 10:40 Robert K. Thomas, Jeffrey Penfold, Diana Taylor, *University of Oxford and Rutherford Appleton Laboratory, UK.*  
The interaction of polyelectrolytes and surfactants at interfaces (keynote lecture 5.3)

10:40 – 11:00 Boris Noskov, Alexander Akentiev, Shi-Yow Lin, Giuseppe Loglio, Reinhard Miller, *St. Petersburg State University, Russia, National University of Science and Technology, Taipei, Taiwan; University of Florence, Italy; Max Planck Institut für Kolloid- und Grenzflächenforschung, Potsdam, Germany.*  
Dynamic surface elasticity of nanoheterogeneous polyelectrolyte/surfactant adsorption layers at the liquid – gas interface (5.3.1)

11:00 – 11:20 Richard Kik, Mieke Kleijn, Frans Leermakers, *Wageningen University, The Netherlands.*  
The adsorption, deformation and rupture of lipid vesicles at solid surfaces (5.3.2)

11:20 – 11:40 Véronique Schmitt, Florent Gautier, Joanna Giermanska, Stéphane Arditty, Serge Ravaine, Fernando Leal-Calderon, *Université Bordeaux I, Talence, France.*  
Pickering emulsions: The role of surface coverage on their original properties (5.3.3)

11:40 – 12:00 Ludwig Gauckler, *ETH Zürich, Switzerland.*  
Foams derived from particle suspensions (5.3.4)

12:00 – 13:30 Lunch

## Thursday afternoon, September 13, 2007

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### 6.2 Afternoon COST workshop session on interfaces and responsive systems (room 2)

Chair: Róbert Mészáros, *Eötvös Loránd University, Budapest, Hungary.*

13:30 – 14:00 Imre Dékány, *University of Szeged, Hungary.*

Surface-functionization and self-assembly of nanoparticles on surfaces (keynote lecture 6.2)

14:00 – 14:20 Ger Koper, *Delft University of Technology, The Netherlands.*

Reflectometry: A versatile tool to characterize particulate coatings (6.2.1)

14:20 – 14:40 Reinhard Miller, Valentin B. Fainerman, Volodja I. Kovalchuk, Eugene V. Aksenenko, Elena Mileva, Jordan G. Petkov, Libero Liggieri, *Max-Planck-Institut für Kolloid- und Grenzflächenforschung, Potsdam, Germany; Donetsk Medical University, Institutes of Biocolloid Chemistry and Colloid Chemistry and Chemistry of Water, Kiev, Ukraine; Bulgarian Academy of Sciences, Sofia, Bulgaria; Unilever Port Sunlight, Bebington, UK; Istituto per l'Energetica e le Interfasi, Genoa, Italy.*

Surface dynamics of mixed surfactant adsorption layers (6.2.2)

14:40 – 15:00 Otto Glatter, Christian Moitzi, Samuel Guillot, Matija Tomšič, Stefan Salentinig, *University of Graz, Austria; University of Fribourg, Switzerland; University of Orléans, France.*

Nanostructured emulsions as potential delivery systems for functional molecules and basis for transfer studies (6.2.3)

15:00 – 15:20 Miklós Zrínyi, *University of Technology and Economics, Budapest, Hungary.*

Novel polymer composites as promising smart materials (6.2.4)

15:20 – 17:00 Joint ECIS / COST poster session B and coffee (lower level)

17:00 – 18:00 ECIS general assembly (room 3)

## Thursday afternoon, September 13, 2007, continued

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### 6.3 Afternoon session on self-assembly of surfactants and polyelectrolytes (room 3)

Chair: Jan Sefcik, *University of Strathclyde, Glasgow, UK.*

13:30 – 14:00 Siwar Trabelsi, Daragh McLoughlin, Samuel Guillot, Dominique Langevin, *Université Paris Sud, Orsay, France.*  
Polyelectrolyte/surfactant aggregates: Influence of the polymer backbone rigidity (keynote lecture 6.3)

14:00 – 14:20 Masakatsu Hato, Jun Yamashita, Manzo Shiono, *Nanotechnology Research Institute and Ibaraki and Kuraray Co., Tokyo, Japan.*  
A new family of cubic phases stable at low temperatures (6.3.1)

14:20 – 14:40 Carole Aimé, Takao Sato, Sabine Manet, Damien Van Effenterre, Reiko Oda<sup>1</sup>, *Chimie et Biologie des Membranes et Nano-objets UMR CNRS, Institut Européen de Chimie et Biologie, Pessac, Centre de Recherche Paul Pascal UPR CNRS, Pessac, France.*  
Studying morphology and structure of micrometric helices of nucleo-amphiphiles (6.3.2)

14:40 – 15:00 Bruno B. Silva, Eduardo F. Marques, Ulf Olsson, *University of Porto, Portugal, and Lund University, Sweden.*  
Self-assembly in an asymmetric cationic surfactant: Unusual lamellar-lamellar coexistence and vesicle-micelle transition (6.3.3)

15:00 – 15:20 Marián Sedlák, Čestmír Koňák, *Institute of Experimental Physics, Slovak Academy of Sciences, Košice, Slovakia; Academy of Sciences, Prague, Czech Republic.*  
New routes to polymer self-assembly into nano-sized water soluble particles (6.3.4)

15:20 – 17:00 Joint ECIS / COST poster session B and coffee (lower level)

17:00 – 18:00 ECIS general assembly (room 3)

## Friday morning, September 14, 2007

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### 7 Overbeek medal award plenary lecture (room 2)

Chair: Kenneth Dawson, *University College Dublin, Ireland.*

9:00 – 9:40 Helmuth Möhwald, *Max Planck Institute of Colloids and Interfaces, Potsdam, Germany.*  
From monolayers to polyelectrolyte multilayer capsules (plenary lecture 7)

9:40 – 9:10 Coffee

### 7.2 Morning session on surface forces and colloidal interactions (room 2)

Chair: Monika Schönhoff, *University of Münster, Germany.*

10:10 – 10:40 Clemens Bechinger, *University of Stuttgart, Germany.*  
Direct measurement of critical Casimir forces (keynote lecture 7.2)

10:40 – 11:00 Samuel Rentsch, Georg Papastavrou, *University of Geneva, Switzerland.*  
Probing the diffuse layer properties of thiol-covered electrodes by direct force measurements (7.2.1)

11:00 – 11:20 Elmar Bonaccorso, S. Guriyanova, B. Semin, *Max-Planck-Institute for Polymer Research, Mainz, Germany.*  
Hydrodynamic boundary slip at the solid-liquid interface: The roles of surface wettability and roughness (7.2.2)

11:20 – 11:40 Sabine H. L. Klapp, Dan Qu, Yan Zeng, Regine von Klitzing, *Technische Universität Berlin, Germany.*  
Effect of geometrical confinement on the structuring of colloidal suspensions: A comparison between theory and experiment (7.2.3)

11:40 – 12:00 Alessio Zaccone, Hua Wu, Marco Lattuada, Massimo Morbidelli, *ETH Zurich, Switzerland.*  
Probing colloidal interactions and stability of a colloid-surfactant mixture by means of static light scattering,  $\zeta$ -potential measurements and high turbulent shear (7.2.4)

12:00 – 12:10 Farewell (room 2)

## Friday morning, September 14, 2007, continued

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### 7.3 Morning session on soft matter in food and elsewhere (room 3)

Chair: Thomas Hellweg, *University of Bayreuth, Germany.*

10:10 – 10:40 Martin E. Leser, Martin Michel, Laurent Sagalowicz, Pierre A. Aichinger, Heribert J. Watzke, *Nestlé Research Center, Lausanne, Switzerland.*

Soft matters in food (keynote lecture 7.3)

10:40 – 11:00 Christian Moitzi, Hugo Bissig, Anna Stradner, Peter Schurtenberger, *University of Fribourg, Switzerland.*

pH induced sol-gel transition in milk investigated by time resolved multi-angle static and dynamic light scattering (7.3.1)

11:00 – 11:20 Andrew M. Howe, Stéphanie Desrousseaux, Alexander F. Routh, *Kodak Research Laboratory, Science Park, and University of Cambridge, UK.*

Aggregation of PNIPAM microgels during the coil-globule transition (7.3.2)

11:20 – 11:40 Renate Müller, Paolo Fernandes, Andreas Fery, *Max-Planck-Institut für Kolloid- und Grenzflächenforschung, Potsdam, and Universität Bayreuth, Germany.*

Polymeric microcapsules: Micromechanics and thermal behaviour (7.3.3)

11:40 – 12:00 Patrick Mesquida, Macarena Blanco, Michael Horton, Steve Nesbitt, *King's College and University College, London, UK.*

Using water-in-oil emulsions for microfabrication (7.3.4)

12:00 – 12:10 Farewell (room 2)