

Tuesday						
April 4th	Grand Ball	Amalienborg	Christiansborg	Fredensborg	Kronborg	Schackenborg
08:30-09:00	Opening (Grand Ball Complex) Ole Hassager, Mats Stading, Johanna Aho					
09:00-10:00	Weissenberg Awardee Talk - Philippe Coussot (Grand Ball Complex) - How much paint is left on your brush? – A journey in the world of yield stress fluids (Chair: Mats Stading)					
10:00-10:30	Coffee Break					
10:30-10:50	Chair: Michel Cloitre	Chair: Suzanne Fielding	Chair: Giovanni Ianniruberto	Chair: Henrik Kragh&Ulf Andersen	Chair: Thomas Voigtmann	Chair: Henning Winter
	SC1-Keynote-Willenbacher	NF1-Baumberger <i>Helical extrusion instability of strongly shear-thinning polymer solutions</i>	SM1-Tassieri <i>i-Rheo GT: Transforming G(t) obtained from molecular dynamics simulations into the materials' linear viscoelastic properties without artefacts</i>	FB1-Engmann <i>How good are Humans at differentiating rheological Behavior?</i>	SG1-Marcourt <i>A combined method for electrical conductivity measurement of polymer composites under extensional deformation</i>	GS1-Dijkstra <i>The viscosity of aliphatic isocyanurates</i>
10:50-11:10	<i>Structure and dynamics of colloidal short range repulsive interacting suspensions with weak attractive interactions</i>	NF2-Bechert <i>Influence of Non-Newtonian effects on the draw resonance instability</i>	SM2-Edinger <i>Investigation of drug-loaded polycaprolactone strands for 3D printing of personalized medicine</i>	FB2-Surber <i>How the type of exopolysaccharide affects the rheological properties of fermented products</i>	SG2-Auhl <i>Multi-scale modelling methodology for biobased polymer fibre composites</i>	GS2-Carrot <i>Sol-gel transition and phase diagram of ionic-liquid polymer hydrogels (PLS) investigated by rheological measurements</i>
11:10-11:30	SC2-Gury <i>Searching for rheological signatures of jamming transition in soft hairy colloids</i>	NF3-Chatzigiannakis <i>Wall Slip of Polyisobutylenes: Effect of Molecular Characteristics</i>	SM3-Laukkanen <i>New approach for modeling polymer modified bitumens as polymer solutions: power-law scaling of rheological constants</i>	FB3-Lupi <i>An investigation of the effect of molecular interactions on the rheological properties of LMM organogels in edible oils</i>	SG3-Keynote-Choi <i>Using Creep testing as an alternative to Multiwave Oscillation for determining the true gel point of network polymers</i>	GS3-Larsson <i>Living Creep testing as an alternative to Multiwave Oscillation for determining the true gel point of network polymers</i>
11:30-11:50	SC3-Crassous <i>A closer look at the use of soft thermoresponsive microgels as seemingly ideal model systems for the investigation of the glass and jamming transition</i>	NF4-Allal <i>Physic origin of the Gross Melt Fracture in SBR melt extrusion</i>	SM4-Boukany <i>understading the Molecular processes leading to necking in extensional flow of polymer solutions: using microfluidics and single DNA visualization</i>	FB4-Baldino <i>Rheological properties of gluten-free bread systems, based on resistant starch and vegetable proteins treated with transglutaminase</i>		GS4-Lee <i>Study about the foaming cell development for the epoxy resin containing various curing and blowing agent concentrations</i>
11:50-12:10	SC4- Malkin <i>Rheological properties of heavy oil and its components as colloidal systems</i>	NF5-Kádár <i>Extrusion melt flow instabilities in long chain branched polyethylenes</i>	SM5-Kulichikhin <i>Rheology of fiber spinning from polymer solutions</i>	FB5-Keynote-Gunes <i>Oleofoams : properties of crystal coated bubbles from whipped oleogels - evidence for Pickering stabilization</i>	SG4-Filip <i>The influence of rheological changes during sonication of poly(ethylene oxide) solutions containing magnetic nanoparticles on morphology of nanofibrous mats</i>	GS5-Brem <i>Solution and gel-properties of ultra-high molecular weight polyethylene in good and poor solvents</i>
12:10-12:30	SC5-Parisi <i>Shape effects on the rheological behavior of polymer-grafted nanoparticles in solution</i>	NF6-Giacomin <i>Knuckle Formation from Melt Elasticity in Plastic Pipe Extrusion</i>	SM6-Song <i>Characterization of Dilution Effect of Semi-dilute Polymer Solution on Intrinsic Nonlinearity Q0 via FT-rheology</i>		SG5-Hoseini <i>Influence of modified nano silica particles on compatibility of linear low-density polyethylene/poly (lactic acid) blends</i>	GS6-Stadler <i>Rheology of dopamine containing polymers</i>
12:30-13:30	Lunch					
13:30-13:50	Chair: Hans-Joachim Schmid	Chair: Mike Webster	Chair: Nicolas Alvarez	Chair: Henrik Kragh&Ulf Andersen	Chair: Petr Filip	Chair: Moshe Gottlieb
	SC6-Maia <i>A generalized frictional and hydrodynamic structural model of semi-dense and dense colloidal suspensions</i>	NF7-Porcar <i>Concentration gradient in shear banding wormlike micellar solutions revealed by spatially resolved 1-2 shear SANS and PTV</i>	SM7-Matsumiya <i>Extensional viscosity of unentangled polymer melts</i>	FB6-Karlsson <i>Extensional viscosity of a β-glucan concentrate</i>	SG6-Kim <i>Assessment of the degree of dispersion for polymeric nanocomposites via FT-rheology</i>	GS7 -Keynote-Richtering
13:50-14:10	SC7-Mattiello <i>Associative microgels: structure, phase behaviour and flow properties</i>	NF8-Hemingway <i>Edge fracture instabilities in polymeric fluids</i>	SM8-Wagner <i>Dynamic dilution – a key element in modeling extensional viscosity of linear and LCB polymers</i>	FB7-Turcanu <i>The elongational behaviour of dysphagia-designed products in the presence of salivary alpha-amylase solutions</i>	SG7-El Kissi <i>Structural reorganization of CNC in injection-moulded CNC/PBAT nanocomposites under thermal annealing</i>	Adaptive microgels in bulk and at interfaces
14:10-14:30	SC8-Swan <i>Simulating large, anisotropic density fluctuations in colloidal gels under shear</i>	NF9-Jin <i>Non-local stresses in colloidal suspensions: modeling and simulation</i>	SM9-Ianniruberto <i>Friction reduction explains data of extensional startup and relaxation for PS melts and solutions</i>	FB8-Yazar <i>Comparison of the LAOS Behavior of the Two Main Gluten Fractions: Gliadin and Glutenin</i>	SG8-Andrade <i>Thermo-rheological behavior of thermoplastics polyurethanes and graphene oxide based nanocomposite</i>	Metallo-supramolecular hydrogels under superposition flows
14:30-14:50	SC9-Petekidis <i>Non-equilibrium states of attractive colloids under shear</i>	NF10-Germann <i>Numerical investigation of shear banding polymer solutions in benchmark flows</i>	SM10-Coppola <i>Experimental investigation of entrance effects in the pressure flow of high molar mass polymer through short dies: a viscoelastic approach</i>	FB9-Buldo <i>Assessment of oral processing properties of fermented milk products by tribology measurements</i>	SG9-Beuguel <i>Rheological properties of PEG/CNC nanocomposites prepared by solution mixing: effect of ultrasonication method</i>	Associative polymers based on reversible covalent chemistry: microscopic modeling and flow behavior
14:50-15:10	SC10-Schroyen <i>Characterizing the state of partially dispersed colloidal suspensions by high-frequency rheology</i>	NF11-Cancelled	SM11-Taghipour <i>Coarse-grained approach for fast shear flow of soft matter fluids in the bulk melt</i>	FB10-Stading <i>Development of extruded high-protein alternatives to meat</i>	SG10-Stephanou <i>Multiscale modelling approach to the rheological behaviour of polymer nanocomposites: Nonequilibrium thermodynamics modelling coupled with NEMD simulations</i>	GS10-Cohen-Addad <i>How does gelation stabilize aqueous foams?</i>
15:10-15:30	SC11-Zia <i>Gravitational collapse of colloidal gels: structure, dynamics, and rheology</i>	NF12-Fielding <i>Shear banding in large amplitude oscillatory shear (LAOstrain and LAOStress) of soft glassy materials</i>	SM12-Varchanis <i>Evaluation of tube theories for linear entangled polymers in simple and complex flows</i>	FB11-Khosrowshahi <i>The effect of Prunus cerasus gum exudates addition on physico-chemical, rheological and sensory properties of yogurt</i>	SG11-Kracalik <i>Novel rheological analysis approach for assessment of dispersion grade in polyethylene-clay-ZnO nanocomposites</i>	GS11-Winter <i>Yield Strain of a Physical Gel with Memory</i>
15:30-16:00	Coffee Break					
16:00-16:20	Chair: George Petekidis	Chair: Anke Lindner	Chair: Hiroshi Watanabe	Chair: Henrik Kragh&Ulf Andersen	Chair: Jeppe C. Dyre	Chair: Evelyne van Ruymbeke
	SC12-Schweizer <i>A monodisperse polystyrene melt and a suspension of Brownian particles studied with Anton Paar's partitioned plate geometry CPP8</i>	NF13-Webster <i>Viscoelastoplastic & thixotropic predictions for sharp-corner contraction-expansion circular flows with time-dependent constitutive equations</i>	SM13-Deplancke <i>Diffusion Mechanisms of Very Long Macromolecular Chains: Application to UHMWPE Sintering</i>	FB12-Meerts <i>The impact of water content, mixing time and fermentation on the rheological behaviour of wheat flour dough</i>	SG12-Hecksher <i>Broadband rheological techniques covering seven decades from 1 mHz to 10 kHz</i>	GS12-McKinley <i>Nonlinear viscoelasticity and generalized failure criterion for polymer gels</i>
16:20-16:40	SC13-Zhang <i>Wall slip of Yield Stress Fluids</i>	NF14 -Keynote - Ramos <i>Dynamics of thin sheets of complex fluids and ultrasoft solids freely expanding in air</i>	SM14-Martins <i>Effects of intermolecular interactions on the viscoelastic behaviour of polyamide melts</i>	FB13-Pedersen <i>Gels of carrageenan from different origin, fall on a master curve</i>	SG13-Ingebrigtsen <i>Impact of structural order on shear thinning in supercooled, glass-forming liquids</i>	GS13-Goldansaz <i>Dynamics of interpenetrated networks of entangled associative polymers</i>
16:40-17:00	SC14-Schmid <i>Layer-Formation of Non-Colloidal Suspensions in a Parallel Plate Rheometer under Steady Shear</i>		SM15-Handge <i>Open-celled foams based on a polystyrene-block-poly(4-vinylpyridine) diblock copolymer</i>	FB14-Berta <i>Effect of cellulose-based hydrocolloids and starch chemical modification on the rheology of gluten-free dough</i>	SG14-Shin <i>Development of smart mold flux showing dual viscous functions for good lubrication and prevention of slag entrapment in a continuous steel caster mold</i>	GS14-Inoue <i>Viscoelastic properties and molecular dynamics of transient polymer networks trapped in ideal permanent networks</i>
17:00-17:20	SC15-Wyss <i>Convection and migration of colloids during exclusion zone formation</i>	NF15-Casanellas <i>Statistical description of elastic turbulence in the Taylor-Couette flow of micellar solutions</i>	SM16-Liu <i>Molecular Picture of Effective Local Concentration in Miscible Polymer Blends</i>	FB15-Roux <i>Characterization of a model food crystal network oleogel formation on aging</i>	SG15-Laukkanen <i>From simple to complex glass-forming liquids: broadening of the glass transition as studied by shear rheology</i>	GS15-Pasquino <i>Dissolution of a surfactant paste: a rheometrical study</i>
17:20-17:40	SC16-Hallez <i>The continuous modeling of charge-stabilized colloidal suspensions in shear flows</i>	NF16- Mompean <i>Active and hibernating turbulence in viscoelastic plane Couette flows</i>	SM17-Vervoort <i>Morphology stabilization in concentrated blends of PP and PE</i>	FB16-Ramaioli <i>The oral phase of swallowing of Newtonian and non-Newtonian liquids</i>	SG16-Keynote-Voigtmann <i>Crystal Growth in Fluid Flow: The Role of Nonlinear Rheology</i>	GS16-Louhichi <i>Relating the expansion of liquid sheets of supramolecular living polymers to their nonlinear rheology</i>
17:40-18:00	SC17-Peters <i>Shear reversal response of frictional suspensions</i>	NF17-Balan <i>Experimental investigations of the elasticity influence on the Kelvin-Helmholtz instability</i>	SM18-Lu <i>Rheological and dynamic insights into the in situ reactive interphase with graft copolymer in multilayered polymer systems</i>	FB17-Deshmukh <i>Tribology and Rheology of potato chips during in vitro oral processing</i>		GS17-Zhugue <i>Dynamics of entangled bulk polymers with metal-ligand interactions</i>
18:00-20:00	Poster Session 1 (Marselisborg & Rosenborg) / ESR committee meeting (Christiansborg)					

Wednesday						
April 5.	Grand Ball	Amalienborg	Christiansborg	Fredensborg	Kronborg	Schackenberg
08:30-09:30	Plenary talk - Jason Stokes (Grand Ball Complex) - Soft matter rheology, tribology and biointerface science: from food structure design to plant cell walls (Chair: Niall Young)					
09:30-10:00	Coffee Break					
10:00-10:20	Chair: Jeffrey F. Morris SC18-Domurath <i>Viscosity amplification in dilute suspensions of non-spherical particles in a Carreau matrix fluid</i>	Chair: Sandra Lerouge NF18-Cruz <i>Elastic instabilities in planar extensional flow of viscoelastic fluids in a cross-slot rheometer</i>	Chair: Ole Hassager SM19- Keynote-Vlassopoulos <i>Rheology modification with ring polymers</i>	Chair: Mikael Rigdahl FB18-Arnfast <i>Rheology of co-amorphous drug-drug melts with and without polymeric additives</i>	Chair: Roland Kádár SG17-Marek <i>Photochemical reactivity of PLA at the vicinity of glass transition temperature</i>	Chair: Marie-Caroline Jullien MN1-Georgiev <i>Flow disturbance by an asymmetric particle in a quasi-2D microfluidic channel – simulation and experiments</i>
	10:20-10:40	Chair: Jeffrey F. Morris SC19-Gallier <i>Some key physical ingredients in dense suspension simulations</i>		Chair: Sandra Lerouge NF19-Haward <i>Vortex formation in a planar elongational flow field: Effect of fluid elasticity</i>	Chair: Mikael Rigdahl FB19-Helleberg <i>Mucoadhesion using small deformation rheology revisited</i>	Chair: Roland Kádár SG18-Lee <i>Rheological and electrical properties of polymer nanocomposites incorporated with surface-modified CNTs</i>
10:40-11:00	Chair: Jeffrey F. Morris SC20-Mehrdad <i>Non-linear viscoelastic behaviour of a suspension of magnetized solid particles under large amplitude oscillatory shear test: A direct numerical simulation</i>	Chair: Sandra Lerouge NF20-Formenti <i>Relaxing in a millisecond: scaling of weakly viscoelastic jet thinning</i>	Chair: Ole Hassager SM20-Doi <i>Terminal relaxation behavior of high molecular weight ring polystyrenes</i>	Chair: Mikael Rigdahl FB20-Rühs <i>Rheology of living bioinks used in 3D printing</i>	Chair: Roland Kádár SG19-Zakhari <i>Micromechanics of spongy-particle systems: Approach towards equilibrium</i>	Chair: Marie-Caroline Jullien MN3-Trofa <i>The effect of slip on the dynamics of a spherical particle in viscoelastic Poiseuille flow</i>
11:00-11:20	Chair: Jeffrey F. Morris SC21-Ausias <i>Modeling rod suspensions in non-Newtonian fluids by using the slender body theory</i>	Chair: Sandra Lerouge NF21-Clasen <i>Inviscid-elastic filaments of dilute polymer solutions - an analytical solution for breakup time predictions</i>	Chair: Ole Hassager SM21-Watanabe <i>Viscoelastic Relaxation of Mono-functionally End-Associating Rouse Chains: Experimental Test</i>	Chair: Mikael Rigdahl FB21-Swan <i>Predicting Structure, Diffusion and Viscosity in Therapeutic Antibody Solutions</i>	Chair: Roland Kádár SG20-Haldenwang <i>Effect of temperature and flyash replacement on rheological behaviour of cement paste during early hydration</i>	Chair: Marie-Caroline Jullien MN4-Pettas <i>Partial wetting of 2D topography by a viscoelastic film</i>
11:20-11:40	Chair: Jeffrey F. Morris SC22-Alghalibi <i>Simulations of particle suspensions in shear-thinning and shear-thickening fluids</i>	Chair: Sandra Lerouge NF22-Verbeke <i>Capillary Break-up of Liquid-Liquid interfaces: (map of misery)</i>	Chair: Ole Hassager SM22-Chen <i>Morphological Evolution and Dynamic Change of Ionomer/Plasticizer Mixtures during a Transition from Ionomer to Polyelectrolyte</i>	Chair: Mikael Rigdahl FB22-Fedosov <i>A new look at blood shear-thinning</i>	Chair: Roland Kádár SG21-Galindo-Rosales <i>Is shear-thickening behavior ensuring always the maximum performance in reinforced CorkSTFfluidic composites?</i>	Chair: Marie-Caroline Jullien MN5-Caserta <i>Flow induced microstructure of non Newtonian emulsions in confined capillary flow</i>
11:40-12:00	Chair: Jeffrey F. Morris SC23-Abbas <i>Patterns of neutrally buoyant particles in pressure-driven flow at finite inertia: macroscopic or microscopic origin?</i>	Chair: Sandra Lerouge NF23-Poole <i>Turbulent drag reduction of a flexible polymer in parallel shear flows: correlating CaBER measurements and pressure drop</i>	Chair: Ole Hassager SM23-Plog <i>Following Phase Transitions with Rheometry and Simultaneous Raman-Spectroscopy</i>	Chair: Mikael Rigdahl FB23-Windberger <i>Thixotropy of blood as a measure of red blood cell aggregation</i>	Chair: Roland Kádár SG22-Kaschta <i>Rheology as a fast tool to quantify the cross-link density in polyethylenes cross-linked using different cross-linking technologies</i>	Chair: Marie-Caroline Jullien MN6-Reichert <i>Dynamics of 2D bubbles in a Hele-Shaw cell</i>
12:00-13:00	Lunch / NRS Annual Meeting (Christiansborg)					
13:00-13:20	Chair: Hans M. Wyss SC24-Järnström <i>Relations between colloidal structures in aqueous suspensions based on silica, starch and PEO-PPO-PEO block copolymer and structures of the corresponding composites</i>	Chair: Ian Frigaard NF24- Patrascu <i>Dynamics of coalescent immersed jets under viscoelastic effects</i>	Chair: Henrik Rasmussen SM24-Wingstrand <i>Crystallinity of polyethylene in uni-axial extensional flow</i>	Chair: Stefania Baldursdottir FB24-Pokki <i>Biomechanics of corneal cells quantified for the development of enhanced contact lenses</i>	Chair: Joe D. Goddard PG1-Amon <i>Suppression of the threshold of a granular solid by mechanical fluctuations</i>	Chair: Laura Casanellas MN7 - Keynote-Schroeder
	13:20-13:40	Chair: Hans M. Wyss SC25-Yüce <i>Rheology of screen-printing pastes and their continuous phase</i>	Chair: Ian Frigaard NF25-de Souza Mendes <i>Exchange flows of viscoplastic liquids in vertical tubes</i>	Chair: Henrik Rasmussen SM25-Alvares <i>Modulus increase and crystallization evolution during gel spinning and post drawing of UHMWPE fibers</i>	Chair: Joe D. Goddard PG2-Petersen <i>Power Law Behavior in Rheology of Granular Matter</i>	Chair: Laura Casanellas MN7 - Keynote-Schroeder <i>Directed assembly of pi-conjugated oligopeptides using microfluidics</i>
13:40-14:00	Chair: Hans M. Wyss SC26-Liberto <i>Elasticity and yielding of calcite paste: scaling laws in a dense colloidal suspension</i>	Chair: Ian Frigaard NF26-Minale <i>Flow of a second order fluid through a porous medium: Rheological validation of a generalized Darcy's equation</i>	Chair: Henrik Rasmussen SM26-Räntzsch <i>Flow-induced crystallization of i-PP studied by RheoNMR and RheoSAXS</i>	Chair: Stefania Baldursdottir FB26-Keynote-Sekulovic <i>Risk-based and Patient-centric approach to pharmaceutical product development: Rheology as a Critical Quality Attribute</i>	Chair: Joe D. Goddard PG3-Gstöhl <i>Frictional rheology of wet granular matter</i>	Chair: Laura Casanellas MN8-Cardinaels <i>A continuous roll-pulling approach for the fabrication of magnetic artificial cilia with microfluidic pumping capability</i>
14:00-14:20	Chair: Hans M. Wyss SC27-Volkova <i>Tunable discontinuous shear thickening in a magnetorheological suspension</i>	Chair: Ian Frigaard NF27-De <i>Viscoelastic Flow Simulations in Random Porous Media</i>	Chair: Henrik Rasmussen SM27-Kempf <i>Hyphenation of Rheology and Raman Spectroscopy - Investigation of epoxy curing mechanism and polyethylene crystallization</i>	Chair: Stefania Baldursdottir FB26-Keynote-Sekulovic <i>Risk-based and Patient-centric approach to pharmaceutical product development: Rheology as a Critical Quality Attribute</i>	Chair: Joe D. Goddard PG4-Bek <i>Steady-State Friction Measurements of Granular Materials Under Pressure Using GFA apparatus</i>	Chair: Laura Casanellas MN9-Fidalgo <i>Customised bifurcating networks for shear sensitive bio experiments</i>
14:20-15:50	Poster Session 2 (Marselisborg & Rosenborg) / Coffee Break					
15:50-16:10	Chair: Guillaume Ovarlez SC28 -Keynote-Morris	Chair: Robert Poole NF28-Grizzuti <i>Making a hole in a viscoelastic film: the role of deformation history</i>	Chair: Qian Huang SM28-Doelder <i>Shear and extensional rheology of LDPE after high-temperature extrusion</i>	Chair: Lynn Walker IR1-Fuller <i>Asphaltene Adsorption: Delayed Coalescence of Water-in-Oil Emulsions and Spontaneous Droplet Formation</i>	Chair: Peter Van Puyvelde PG5-Fall <i>Dry granular flows: rheological measurements of the μ-rheology</i>	Chair: Eric Furst MN10-Fischer <i>Scanning-SAXS of microfluidic flows: Nanostructural mapping of soft matter</i>
	16:10-16:30	Chair: Guillaume Ovarlez SC28 -Keynote-Morris <i>Stress correlations in the transition region of discontinuously thickening suspension flows</i>	Chair: Robert Poole NF29-Zhou <i>Dewetting of freely suspended films of polymer solution</i>	Chair: Qian Huang SM29-Stephanou <i>Derivation of a recently proposed CCR model through the use of non-equilibrium thermodynamics</i>	Chair: Lynn Walker IR2-de Loubens <i>Interfacial rheology of soft microcapsules</i>	Chair: Peter Van Puyvelde PG6-Trulsson <i>Granular rheology of ellipses</i>
16:30-16:50	Chair: Guillaume Ovarlez SC29-Colin <i>How does a shear-thickening fluid flow?: Finite-size effect, non-local rheology and flow cooperativity</i>	Chair: Robert Poole NF30-Frigaard <i>Displacing difficult yield stress fluids from pipes</i>	Chair: Qian Huang SM30-Abbasi <i>Dilution of model comb polystyrenes using entangled linear side chains</i>	Chair: Lynn Walker IR3-Jorgensen <i>Spreading of complex fluid drops</i>	Chair: Peter Van Puyvelde PG7-Denis <i>Fluidized bed rheology for granular media</i>	Chair: Eric Furst MN12-Giudice <i>Microfluidic-based cell manipulation in viscoelastic fluids</i>
16:50-17:10	Chair: Guillaume Ovarlez SC30-Comtet <i>Pairwise interparticle interactions determine discontinuous shear thickening transition in non-colloidal suspensions</i>	Chair: Robert Poole NF31-Naccache <i>Flow of gas bubbles through yield stress fluids</i>	Chair: Qian Huang SM31-Yan <i>Linear and nonlinear rheology of comb/linear blends</i>	Chair: Lynn Walker IR4-Guerrero <i>Chickpea protein-stabilized emulsions: from interfacial to bulk rheology</i>	Chair: Peter Van Puyvelde PG8-Goddard <i>Dissipation potentials for viscoplastic media and granular flows</i>	Chair: Eric Furst MN13-Shen <i>Flow of wormlike micellar solutions around confined microfluidic cylinders</i>
17:10-17:30	Chair: Guillaume Ovarlez SC31-Goharpey <i>Effect of bimodal size distribution of dense colloidal silica suspensions in PEG on reversible shear thickening</i>	Chair: Robert Poole NF32-Chaparian <i>Cloaking phenomena in the settling of particles in yield stress fluids</i>	Chair: Qian Huang SM32-Kruse <i>Rheological and molecular characterization of long-chain branched poly(ethylene terephthalate)</i>	Chair: Lynn Walker IR5-van Ammel <i>Effects of nanoparticles localized at the interface on single droplet dynamics in shear flow</i>	Chair: Peter Van Puyvelde PG9-Keynote- Lumay	Chair: Eric Furst MN14-Padding <i>Elastic Instabilities in Pillared Micro channels in Effect to Polymer Flooding</i>
17:30-17:50	Chair: Guillaume Ovarlez SC32-Dong <i>Shear thickening of non-Brownian dense suspension under confining pressure</i>	Chair: Robert Poole NF33-Nouar <i>Faraday's instability in yield stress fluids</i>	Chair: Qian Huang SM33-Auhl <i>Molecular architecture modifications for tuning melt flow properties of aliphatic pentadecalactone polyesters</i>	Chair: Lynn Walker IR6-Rehage <i>Self-propelling microcapsules swimming at the surface of water: Synthesis, flow properties, swarming behavior and the analysis of the swimming motion</i>	Chair: Peter Van Puyvelde PG9-Keynote- Lumay <i>How tribo-electric charges modify powder flowability</i>	Chair: Eric Furst MN15-Caiazza <i>Velocity profiles and shear-induced structuring in wormlike micellar solutions flowing in a microcapillary</i>
18:30-22:00	Conference Dinner (bus departure at 18:30, dinner starts at 19:00)					

Thursday						
April 6.	Grand Ball	Amalienborg	Christiansborg	Fredensborg	Kronborg	Schackenborg
08:30-09:00	Awards (Grand Ball Complex) (Chair: Peter Szabo)					
09:00-10:00	Plenary talk - Evelyne van Ruymbeke (Grand Ball Complex) (Chair: Kell Mortensen) <i>Viscoelasticity of transient networks from associating polymers: a mesoscopic modeling perspective</i>					
10:00-10:30	Coffee Break					
	Chair: Norbert Willenbacher	Chair: Natalie Germann	Chair: Hadi Goldansaz	Chair: Peter Fischer	Chair: Geoffrey Lumay	Chair: Anke Lindner
10:30-10:50	SC33-Ito <i>Structural and dynamic properties of dense suspensions of ellipsoidal particles</i>	NF34-Sucena <i>Numerical study of multiphase flows of viscoelastic fluids using an improved Level-Set method</i>	GS18-Martinoty <i>Mechanical properties of aerogels and xerogels derived from amino-acid organogels and from syndiotactic polystyrene gels</i>	IR7-Keynote-Vermant <i>Can a pendant drop device be used for interfacial rheology?</i>	PG10-da Silva <i>The influence of sweet whey powder addition on the flowability of cheese powders</i>	MN16-Barentin <i>Wall slip of polymer gels</i>
10:50-11:10	SC34-Lang <i>Stiffness and Geometry Influences on the Shear Flow Behavior of Colloidal Rods</i>	NF35-D'Avino <i>Simulation of the motion of a spheroid in a viscoelastic liquid in a pressure-driven channel flow</i>	GS19-Mao <i>Time-resolved rheological monitoring of viscoelastic materials under drying</i>	IR8-Pepicelli <i>Large area deformations of polymer monolayers using a radial through</i>	PG11-Curto <i>Rheological properties of concrete: scale up from mortar paste to concrete mix with different PCI admixtures</i>	MN17-de Corato <i>Rheology of viscoelastic solids probed by microbubble dynamics in ultrasound</i>
11:10-11:30	SC35-Gamonpilas <i>Viscometric functions of monodisperse and bidisperse non-colloidal suspensions</i>	NF36-Ingelsten <i>Simulation of adhesive using a novel viscoelastic stress method</i>	GS20-Natalia <i>Negative normal stress difference in a low concentration suspension: Using capillary suspension to achieve a gel-like state</i>	IR9-Gottlieb <i>Interfacial Dilatational Rheometry – a comparative study</i>	PG12-Seguín <i>Dense flow around a sphere moving into a cloud of grains</i>	MN18-Schmidt <i>Magnetic Particle Nanorheology in Complex Fluids</i>
11:30-11:50	SC36-Ovarlez <i>X-ray Imaging of flowing suspensions</i>	NF37-Cardenas <i>Fluidity model for non-Newtonian glass forming liquids</i>	GS21-Aime <i>Microscopic dynamics and failure precursors during the creep of a colloidal gel</i>	IR10-Walker <i>Impact of adsorbed colloid-surfactant complexes on fluid-fluid interfaces</i>	PG13-Mahajan <i>Study of Rod-like Particles in Fluidized Bed by Numerical and Experimental Investigations</i>	MN19-Adamska <i>Viscoelastic properties of milk gels by passive microrheology</i>
11:50-12:10	SC37-Korculanin <i>Anomalous structural response of nematic platelets under Large Amplitude Stress and Strain Oscillations revealed by 3D RheoSAXS</i>	NF38-Prieto <i>Numerical simulations of buoyancy-driven droplets in non-Newtonian media using a variance-reduced, micro-macro, particle-level set method</i>	GS22-Maia <i>Structural fingerprints of yielding mechanisms in attractive colloidal gels</i>	IR11-Tajuelo <i>The unusual interfacial shear rheology of fatty acid/alcohol Langmuir monolayers</i>	PG14-Valette <i>Quantitative prediction of the $\mu(l)$ rheology in 2D and 3D granular column collapse: scaling laws and quasi-static vs. inertial regimes</i>	MN20-Furst <i>Microrheology of monoclonal antibodies</i>
12:10-12:30	SC38-Cidade <i>Electrorheological behaviour of suspensions of doped polyaniline nanofibers containing carbon nanoparticles dispersed in silicone oil</i>	NF39-Castellani <i>Rise and coalescence of bubbles in a low Reynolds number flow: observations and simulation</i>	GS23-Colombo <i>Influence of particle shape on cluster rigidity and rheology of colloidal gels</i>	IR12-Jullien <i>Micropores: a possible model to investigate surface rheology</i>	PG15-Puyvelde <i>Flowability of powders in laser sintering applications</i>	MN21-Reufer <i>Food systems characterized by DWS microrheology</i>
12:30-13:30	Lunch					
13:30-14:30	Plenary talk - Sandra Lerouge (Grand Ball Complex) (Chair: Stefania Baldursdottir) <i>Shear banding in wormlike micelles</i>					
14:30-15:00	Coffee Break					
	Chair: Philippe Coussot	Chair: Peter Szabo	Chair: Rossana Pasquino	Chair: Peter Fischer	Chair: Thomas Petersen	Chair: Simon Haward
15:00-15:20	SC39-Kuzhir <i>The role of attractive interactions on shear thinning in non-Brownian fiber suspensions</i>	NF40-Negrao <i>A new constitutive model for time-dependent fluids</i>	GS24-Dessi <i>Mechanics of active microtubule gels: can confinement determine elasticity?</i>	IR13-Vitasari <i>The dynamics of wet two-dimensional foams: a driven bubble in a straight channel</i>	PG16-Ferri <i>Can we work out Janssen equation parameters and stress dependence of the bulk density at low stress values during a simple uniaxial compression test?</i>	MN22-Aangenendt <i>Bubble Microrheology: A new approach to extensional viscoelastic measurements</i>
15:20-15:40	SC40-Vazquez-Quesada <i>Shear-thinning of non-colloidal suspensions: numerical and experimental results</i>	NF41-Marchesini <i>Rheology of irreversible time-dependent materials</i>	GS25-Caruggi <i>Effect of ohmic heating treatment on rheological and textural properties of acid milk gels</i>	IR14-Xu <i>Sliding viscoelastic drops</i>	PG17-Hirschberg <i>An insight into time - dependent consolidation with shear testing approach</i>	MN23-Garting <i>Viscosity of protein solutions measured with dynamic light scattering using inert tracer particles</i>
15:40-16:00	SC41-Laure <i>Fibre kinematics in dilute fibre Suspension with non-Newtonian suspending fluid</i>	NF42-Varé <i>Rayleigh-Bénard convection for thermodependent shear-thinning fluids : secondary instabilities</i>	GS26-Hesarinejad <i>Fabrication and characterization of gels with optimum stiffness and syneresis from Lathyrus sativa protein isolate</i>			MN24-Lanzaro <i>A Rheo-Chip platform for microfluidic rheometry of complex fluids</i>
16:00-16:30	Closing (Grand Ball) The presidents of the ESR and the NRS					

Session abbreviations

SC=Suspensions & Colloids

NF=Non-Newtonian fluid & Fluid instabilities

SM=Polymer Solutions & Melts

FB=Food & Biorheology

SG=Solids, Glasses & Composites

GS=Gels and Self-assembled systems

IR=Interfacial Rheology

PG=Powders and Granular material

MN=Micro & Nanorheology, Microfluidics

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