

Day	Tuesday, April 9, Morning					
Time	Europe I	Emerald I	Emerald II	Europe II	Europe III	Adria
8:30	Opening Ceremony (Europe I)					
8:50	Weissenberg Laudation & Award Delivery (Europe I)					
9:10	J. Vermant (PL1) - Europe I - Can (interfacial) rheology save the world?					
Chair	Mario Minale	Natalie Germann	Hiroshi Watanabe	Jose Munoz	Patricia Lopez-Sanchez	Nadia Antonova
10:00	CS1 - M. Ellero - Shear-thickening of a non-colloidal suspension with a viscoelastic matrix	NF1 - T. Phillips - Personal and scientific contributions of Mike Webster	SM1 - D. Vlassopoulos - Viscoelasticity, transient shear stress and thinning of ring polymers and their mixtures	BE1 - I. Muntz - A novel method for interfacial rheology using an indirect interfacial rheometer	FP1 - M. Stading - Rheology for safe swallowing - The Gothenburg Throat	LA1 - C. de Loubens - Wrinkling and folding instabilities of biomimetic cells in flow
10:20	CS2 - P. Kuzhir - Discontinuous shear thickening in mixtures of isometric and rod-like particles	NF2 - T. Phillips - On the Prediction of Drag Enhancement for Flow of Boger Fluids past a Sphere using the FENE-P-MP Model	SM2 - D. Tsalikis - Shear rheology of marginally entangled ring-linear poly(ethylene oxide) blends through nonequilibrium atomistic molecular dynamics simulations	BE2 - D. Renggli - Limitations of interfacial shear rheometry		
10:40	CS3 - Y. Matsuoka - Shear-thickening in a dilute suspension of spheres in a weakly viscoelastic fluid: an approach with a direct numerical simulation	NF3 - J. Evans - A numerical scheme for solving transient viscoelastic planar flows	SM3 - Q. Huang - Extensional rheology of ring polystyrene melt and linear/ring polystyrene blends	BE3 - S. Sinha - Immiscible two-phase flow in porous media: rheology at high capillary number	FP2 - D. Gabriele - Effects of dispersing conditions on rheological properties of edible fibre suspensions	LA2 - C. Wagner - Statistics of Colloidal Suspensions Stirred by Microswimmer
11:00	Coffee Break - Sposored by Incipientus					
Chair	Michel Cloitre	John Tsampoulos	Dimitris Vlassopoulos	Alexander Malkin	Jan Engmann	Ursula Windberger
11:30	CS4 - O. Volkova - Analysis of discontinuous shear thickening controlled by a magnetic field under different flow geometries	NF4 - B. Mena - The role of the negative wake on the deformation and breakup of droplets rising in viscoelastic fluids	SM4 - Y. Matsumiya - Nonlinear Elongational Rheology of Unentangled Polystyrene and Poly(p-tert-butyl styrene) Melts	BE4 - N. Jaensson - Experimental and numerical analysis of the pendant drop experiment for complex interfaces	FP3 - A. Guerrero - Rheological characterization of legume protein-stabilized oil/water interfaces and emulsions	LA3 - T. Voigtmann - Microrheology of dense active suspensions
11:50	CS5 - E. Ngouamba - Thixotropy and strain hardening of aqueous carbon black suspensions	NF5 - J. López-Aguilar - Enhanced pressure-drop predictions in planar contraction flows with continuous-spectrum models	SM5 - G. Ianniruberto - Monomeric friction reduction prevails in fast flows of all polymer melts	BE5 - A. Moghimikheirabadi - Surface dilatational rheology of interfaces stabilized by poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) triblock-copolymers: a combined computational and experimental study	FP4 - P. Lopez-Sanchez - Nanorheological studies using magnetic nanoparticles: towards in vivo textural measurements	LA4 - M. Goral - Bacteria in liquid crystals
12:10	CS6 - J. Sindt - The history-dependent rheology of suspensions of particles with short- range attractive forces	NF6 - O. Harlen - Simulation of contraction flows of polymer blends using the Rolie-Poly and Rolie-Double-Poly constitutive models	SM6 - M. Wagner - Concentration dependence of the interchain tube pressure effect in elongational flow of concentrated polystyrene solutions	BE6 - E. Chatzigiannakis - Drainage dynamics of polymer-solution films	FP5 - E. Talansier - Accurate methodology to determine slip velocity, yield stress and the constitutive relation for molten chocolate in steady state	LA5 - P. Peyla - Effective viscosity of a suspension of flagellar-beating microswimmers: Three-dimensional modeling
12:30	CS7 - R. O'Neill - Liquid migration in shear thickening suspensions flowing through constrictions		SM7 - I. Skvortsov - Rheology of polymer solutions in uniaxial stretching accompanied by phase separation	BE7 - F. Avino - Emulsion stability: Dynamics of thin films studied by extensional rheology	FP6 - A. Völp - In-situ rheological and structural characterization of milk foams in a commercial foam generator	LA6 - D. Stopar - Soft microbial tissues in dilute bacterial suspensions
12:50	Lunch Break					

Day	Tuesday, April 9, Afternoon					
Time	Europe I	Emerald I	Emerald II	Europe II	Europe III	Adria
Chair	Pierre Dumont	Timothy Phillips	Joamin Gonzalez Gutierrez	Anniina Salonen	Antonio Guerrero	Anke Lindner
14:20	CS8 - J. Royer - Repulsion, attraction and contact in dense suspensions	NF7 - N. Germann - Numerical study of shear banding in pressure-driven channel flow and 4:1 contraction flow	SM8 - S. Garrepally - Scission of flexible polymers in extensional flow: predicting multiple passages effect	BE8 - A. Aliche - Interfacial behavior of asphaltene subfractions and their role in emulsion coalescence	FP7 - F. Lupi - Rheological and microstructural characteristics of organogels: the role of solvent	LA7 - C. Liu - Live cell monolayer rheometer and its recent developments
14:40			SM9 - H. Taghipour - Nonlinear shear rheology of entangled polymers diluted in oligomer matrix	BE9 - F. Risso - High-frequency dynamics and interfacial rheology of a crude-oil droplet in water	FP8 - P. Ptazek - Millet flour as a partial and total replacement of wheat flour: rheological properties of sweet batters	LA8 - S. Shin - Innovative microfluidic platelet function assays
15:00	CS9 - G. Ovarlez - Velocity traveling bands in shear-thickening dense suspensions	NF8 - N. Burshtein - Inertioelastic effects on a spiral vortex flow instability	SM10 - T. Inoue - Nonlinear rheology of semiflexible polymer solutions	BE10 - N. Baldino - Investigation of interfacial characteristics of vegetable proteins in O/W emulsion formulations	FP9 - P. Rando - Food 3D printing: interplay of printing conditions, heat transfer and rheology	LA9 - U. Windberger - A comparative approach to the nonlinear behavior of whole blood clots
15:20	CS11 - H. Jin - Numerical simulation of particulate suspensions in viscous and viscoelastic medium combining Brownian dynamics and smoothed particle hydrodynamics method	NF9 - S. Haward - Flow of wormlike micellar solutions around microfluidic cylinders with high aspect ratio and low blockage ratio	SM11 - A. Wierschem - λ -DNA solutions at high shear rates	BE11 - M. Schneider - Influence of bulk and interfacial viscosity on bubble coarsening	FP10 - A. Raymundo - Structural and rheological properties of a gluten-free bread with Tetraselmis chuii microalga incorporation	LA10 - N. Antonova - Effect of fibrinogen, dextrans and PEG on the blood coagulation kinetics
15:40		NF10 - C. Patrascu - Stabilizing effect of a viscoelastic outer medium on a fluid thread	SM12 - P. Ilg - Surface disentanglement and slip in a polymer melt: a molecular dynamics study	BE12 - S. Saha - Effect of bulk and interfacial rheology on the stability of bubbles in oleogels upon changes in temperature		LA11 - F. Caton - Linking fibrin clot structure, rheology and embolisms
16:00	Coffee Break					
Chair	Juan de Vicente	Ian A. Frigaard	Giovanni Ianniruberto	Paula Moldenaers	Mats Stading	Philippe Peyla
16:30	CS12 - M. Villone - Computational oscillatory rheometry of rigid particle suspensions at finite inertia	NF11 - M. Liard - Jet instability of a shear-thickening concentrated suspension	SM13 - P. Bacova - Molecular insight into the internal morphology and dynamics of polystyrene stars	BE13 - A. Czakaj - Linear viscoelastic properties of cellulose nanocrystals - lauroyl ethyl arginate	FP11 - I. Sousa - The role of Psyllium gels on the structuring of gluten-free fresh pasta - a rheological approach	LA12 - O. du Roure - Mechanics of dense actin networks
16:50	CS13 - S. Gallier - Direct numerical simulations of shear-induced migration in pipe flows	NF12 - C. Balan - Dynamics of the interface between immiscible fluids in confined geometries		BE14 - P. Coussot - Wall slip of direct and inverse emulsions under various conditions	FP12 - M. Grassi - Sol-gel transition of aqueous chitosan- β glycerophosphate solutions	LA13 - E. Courtial - Biomaterial with tailored rheological properties to protect cells in additive manufacturing
17:10	CS14 - F. Peters - Variable friction between particles as an origin of shear thinning in non-Brownian suspensions	NF13 - H. Castillo - Elastic instabilities in pressure-driven channel flow of thixotropic-viscoelasto-plastic fluids with and without shear-banding	SM14 - E. van Ruymbeke - Constraint Release mechanisms for H-Polymers Moving in Linear Matrices of varying molar masses	BE15 - B. Saint-Michel - Enhanced bubble removal from yield-stress fluids using acoustic waves	FP13 - M. Abrami - Can rheology be useful in the cystic fibrosis frame?	LA14 - B. Zupancic - Prediction of the brain tissue viscoelastic response based on the measured relaxation modulus
17:30	CS15 - J. Morillas - Magnetorheology in the magnetic saturation regime	NF14 - M. Davoodi - Stabilisation of the purely-elastic instabilities in cross-slot geometries using surface tension	SM15 - W. Wang - Rheological and mechanical properties of polystyrene with hydrogen bonding	BE16 - A. Salonen - Changing foam elasticity with a colloidal gel	FP14 - C. Gracia Fernández - Dynamic rheological comparison of silicones for podiatry applications	LA15 - G. Peters - Constitutive modeling of human skin
17:50			SM16 - Y. Niu - Segmental motion and chain entanglement of PMMA with the addition of ionic liquids	BE17 - L. Noirez - Thermo-rheology: a new tool to understand Liquids & Melts?		LA16 - I. Jenkinson - 2D and 3D rheology of organic matter in the surface microlayer of the ocean and other natural waters. Implications for modulating cross-surface substance and energy exchange and the control of climate
18:10	End					
18:30	Poster Session (Mediterranea)					

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Time	Europe I	Emerald I	Emerald II	Europe II	Europe III	Adria
8:30	P. Moldenaers (PL2) - Europe I - Towards miniaturization: how does confinement affect the break-up and coalescence of droplets in shear flow					
Chair	Phillipe Coussot	Simon Haward	Jean-Francois Tassin	Roland Kádár	Berenika Hausnerova	Ulrich Handge
9:30	CS16 - J. Park - Interaction between latex binder and the secondary fluid in the capillary suspension of Li-ion battery slurry	NF15 - S. Varchanis - A new finite element formulation for viscoelastic flows: circumventing simultaneously the LBB condition and the high-Weissenberg number problem	SM17 - H. Watanabe - Viscoelastic and dielectric relaxation of reptating type-A chains affected by reversible head-to-head association and dissociation	EM1 - M. Wilhelm - Low-field Rheo-NMR for the study of soft materials	GM1 - D. Sancho Martinez - 3D granular flow of soft and hard spheres studied by ultrafast electron beam X-ray computed tomography (ROFEX)	IP1 - M. Gahleitner - Gelation phenomena in polypropylene and polyethylene as caused by phase separation, nucleation or crystallization
9:50	CS17 - J. Godefroid - Dynamics of alginate/ceramic suspension droplets impacting a bath of calcium ions	NF16 - T. Burghilea - A novel active mixer for yield stress fluids	SM18 - L. Sangroniz - Linear and non-linear rheology of associative polymers. Effect of the number of interactions on the viscosity	EM2 - J. de Vicente - New tools and field configurations in magnetorheology	GM2 - P. Filip - A description of shear viscosity for highly filled PIM material containing aluminium powder and stearic acid	
10:10	CS18 - J. Choi - Coarse-grained particle simulation of capillary bridges in ternary suspension systems	NF17 - J. Tsamopoulos - Yield-stress analysis of elasto-visco-plastic materials in strong extension	SM19 - T. Tomkovic - Transition from viscoelastic liquid-like to solid-like behaviour of amine functionalized polynorbornenes	EM3 - F. Galindo-Rosales - Rheological behavior of magnetic fluids under a tunable magnetic field: Numerical design and experimental analysis	GM3 - D. Ringeisen - Modeling sea ice fracture at very high resolution with VP rheologies	IP2 - J. Fawaz - Rheological characterization of high density ethylene/ α -olefin copolymers and its relation to molecular structure and post-yield axial deformation properties
10:30	CS19 - D. Andrade - The solid regime and the solid-liquid transition of waxy oil	NF18 - S. Topayev - Stability analysis of Taylor-Couette flow of shear-thinning fluids	SM20 - S. Ghiassinejad - Dynamics of slide-ring gels: a step by step study		GM4 - J. Naranjo - Predicting the behaviour of highly-filled systems for FFF and PIM manufacturing	IP3 - M. Wagner - Tube model based constitutive equations for polydisperse linear and long- chain branched polymer melts
10:50	Coffee Break					
Chair	Michel Cloitre	Corneliu Balan	Manfred Wagner	Peter Fischer	Tamás Börzsönyi	Markus Gahleitner
11:20	CS20 - G. Petekidis - Flow dynamics of concentrated star-like micelles: A superposition rheometry investigation into the relaxation mechanisms	NF19 - I. Frigaard - Dean flow of a Bingham plastic through a curved rectangular duct	SM21 - Q. Beuguel - Rheological properties of compatibilized PE/PA multilayer films	EM4 - T. Yoshida - Rheological evaluations and capability assessments of ultrasonic spinning rheometry for non-Newtonian fluids	GM5 - R. Castellani - Length scales effects in granular column collapse	IP4 - L. Paduano - Time temperature crystallinity superposition of an EVA copolymer
11:40	CS21 - F. Bonacci - Relevance of time-dependent particle interactions in the physical aging of colloidal suspensions	NF20 - R. Graziano - Pressure- and capillarity-driven flow of Carbopol aqueous solutions in microfluidics geometries. Effect of yield stress and wall slip	SM23 - S. Costanzo - Rheology of statistical ethylene-octene copolymer melts	EM5 - D. Bohnsack - Combined rheo-Raman analysis: Correlating viscoelastic behavior with chemical structure	GM7 - S. Lévy - Multiple shear bands in granular materials in slow shear	IP5 - I. Touil - Structure, shear and elongation rheology of Multi-Micro-Nanolayers polymers based on polyethylene with varying macromolecular architectures
12:00	CS22 - T. Liberto - Controlling the elasticity of calcite suspensions by ionic species	NF22 - K. Cho - Application of the Liu procedure of thermodynamics to rheology	SM24 - O. Laukkanen - Modified dual Kaelble equation - a new model for describing the temperature dependence of the viscoelastic properties of block copolymers	EM6 - J. Laeuger - New rheometrical tools for Rheo-SAXS and Rheo-SANS	GM8 - L. Brendel - Relaxation of inhomogeneous granular flows	IP6 - L. Gömze - Some rheological and mechanical aspects of rolling sheets from molten metals and alloys
12:20	CS23 - J. Vermant - Yielding in depletion gels: a time resolved 3D confocal study	NF23 - R. Valette - Buckling and coiling instabilities of yield-stress and power-law fluids filaments	SM25 - U. Handge - Rheology and dynamic light scattering of solutions of poly(ethersulfone) and poly(vinylpyrrolidone) with Pluronic-based additives	EM7 - J. Amirdine - A novel approach to Sentmanat extensional rheometry: applications to the study of extension induced crystallization	GM9 - A. Arseni - A new perspective on granular flow analysis in rotating drum	IP7 - S. Nie - Investigation of crosslinked rubber aging by Fourier transform rheology (FT- Rheology)
12:40	CS24 - M. Minale - Viscosity measurements of iteratively-perturbed-water		SM26 - D. Kim - The effect of rheological properties of the PEO solution on the sessile drop oscillation during the early stages of elasto-capillary thinning transition	EM8 - D. Treffer - Lossless and rapid sample preparation for oscillatory rheology via a novel vacuum compression molding process	GM18 - R. Chometon - Scaling of fibers: impact of form factor on flow properties	IP8 - M. Nébouy - Non-linear rheology and strain-induced crystallization of PBT/PTHF thermoplastic elastomers
13:00	Lunch Break					

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Chair	John Royer	Rudy Valette	Evelyne van Ruymbeke	Joao Maia	Xiaorong Wang	Ulrich Handge
14:30	CS25 - G. Giusteri - Normal stress differences and flow-type dependence in dense suspensions	NF24 - H. Barlow - Ageing, yielding and shear banding in an elasto-plastic model	SM27 - R. Erdmann - Thermo-rheological effects of plasticizer types and concentrations on cellulose diacetate with varying molar masses	EM9 - P. Teixeira - Multi-parameter in-process monitoring of clay dispersion during melt compounding with PLA	GM10 - C. Berges - Viscosity evaluation of zirconia parts with controlled porosity fabricated by Ceramic Injection moulding for SOFC devices	IP9 - M. Nowak - On-line monitoring of polymerization reactions by coupling rheology and optical spectroscopy
14:50	CS26 - V. Trappe - Contributions of viscous dissipation in the flow behavior of soft glassy materials	NF25 - J. King - The Kaye effect: new insights from experiment, theory and modelling	SM28 - M. Cidade - Time-dependent behaviour in analyte-, temperature- and shear- sensitive Pluronic PE9400/water systems	EM10 - A. Athanasiou - High-frequency rheometry of polymer melts and colloidal glasses: validating the loss angle measuring loop	GM11 - R. Stannarius - Silo outflow of soft frictionless spheres	IP10 - C. Das - Molecular architecture from integrated computer models for synthesis, characterization, and rheology
15:10	CS27 - H. Ng - GO CaBER! - Capillary breakup experiments on Graphene Oxide suspensions	NF26 - M. Jalaal - LIFT of viscoplastic fluids	SM29 - M. Kwon - Scaling analysis on the linear viscoelasticity of cellulose 1-ethyl-3- methyl imidazolium acetate solutions	EM11 - T. Schweizer - A novel Orthogonal Superposition (OSP) drive and flow cell: Testing a wormlike micellar solution, a colloidal suspension, and a polymer melt	GM12 - D. Nagy - Numerical simulation of the rheology of frictional spherocylinders	IP11 - C. Balemans - Computational modeling of the selective laser sintering process: from two to multiple particles
15:30	CS28 - M. Terkel - Rheological behavior of magnetorheological fluids under precession magnetic fields: experiments and particle-level simulations	NF27 - A. Pereira - Water entry of yield-stress droplets	SM30 - A. Kostyuk - Phase state and rheology of cellulose/ionic liquid/non-solvent triple systems	EM12 - R. Cardinaels - Miniaturized characterization of polymers: From synthesis to rheological and mechanical properties in 10 mg	GM13 - S. Roy - Training, memory and universal scaling in amorphous frictional granular matter	IP12 - T. Mateboer - Viscoelastic rubber extrusion simulation with wall slip and comparison to experiments
15:50	Coffee Break					
Chair	Matthias Fuchs	Corneliu Balan	Ole Hassager	Jan Vermant	Veronique Trappe	László A. Gömze
16:20	CS29 - B. Barabé - Sedimentation rate of non Brownian inclusions in networks of rod like particles	NF28 - P. Moschopoulos - Filament-stretching dynamics of yield-stress fluids	SM31 - J. Tassin - Influence of polyalkylmethacrylates on the rheological behavior of lubricants	BE21 - D. Ashkenazi - Examining the suitability of interfacial shear rheometers for probing polymers at the A/W Interface	PS1 - A. Shen - Rheological scaling of ionic liquid-based polyelectrolytes in ionic liquid solutions	IP13 - D. Nieto Simavilla - A numerical study of anisotropic thermal transport in polymer melts and networks
16:40	CS30 - R. Martone - Concentrated non-Brownian suspensions under oscillatory shear flow: dependence on the applied strain and frequency	NF29 - C. Kusina - Spreading behaviour of complex fluids, from film formation to application properties	SM32 - V. Ignatenko - Effect of asphaltene addition on rheology and structure of polymers	BE22 - Z. Starý - Selective localization of carbon black in polymer blends: Rheological and structural consequences		IP14 - J. Zelenkova - Minimum concentration of poly(ethylene oxide) in water solution ensuring good quality of electrospun nanofibres
17:00	CS31 - Y. Boluk - Rheology of rod-shaped cellulose nanocrystal (CNC) particle suspensions in the presence of aqueous polymer solutions and their potential applications	NF30 - E. Mogilevskiy - Long waves in power law liquid flow down on oscillating plane	SM33 - G. Baeza - Isostructural softening of the filler network in SBR/silica nanocomposites	BE23 - J. Maia - Phase separation upon shearing and relaxation of immiscible polymer blends stabilized with Janus nanorods	PS2 - A. Malkin - Nano-liquids formed by colloidal particles and their interaction with polymer matrix	IP15 - A. Santamaria - Playing with the chemistry of copolymers to establish rheological criteria to select materials for pressure driven or fused filament 3D printing
17:20	CS32 - S. Gupta - Rheology of hyper-concentrated nanocellulose gels during lubricated compression		SM34 - D. Parisi - Decoupling polymeric and colloidal contributions to the rheology of self- suspended grafted nanoparticles	BE24 - W. Wong - Numerical modelling of polydisperse polymer blends		PS3 - S. Goujard - Rheological reentrant transition in microgel-surfactant mixtures
17:40	CS10 - X. Zhou - Rheology test methods and data interpretation model for fibre reinforced semi-solid cement-based materials for extrusion		SM36 - M. Masoudian - Numerical simulations of short fiber polymer composite in the extrusion process	BE25 - A. Giacomin - Startup steady shear flow from the Oldroyd 8-constant framework		IP17 - W. Oswald - Elongational flow behavior and high-speed rotary bell atomization of non- Newtonian coatings with and without particles
18:00	End					
20:00	Apéritifs (Hotel Foyer)					
20:30	Gala Dinner (Emerald Ballroom) - Sponsored by TA Instruments					

Day	Thursday, April 11, Morning					CS - Colloids & Suspensions
Time	Europe I	Emerald I	Emerald II	Europe II	Europe III	
8:30	Awards (Europe I)					SM - Polymer Solutions, Melts & Composites
9:00	P. Fischer (PL3) - Europe I - Digested? - The design and in-vivo validation of satiety controlling food					
Chair	George Petekidis	Russel A. Davies	Bernhard Moeginger	Amy Shen	Moshe Gottlieb	NF - Non Newtonian Fluid Mechanics & Flow Instabilities
10:00	CS33 - E. Moghimi - Rheology of soft-patchy particles made of Telechelic Star Polymers	NF34 - Y. Kwon - Numerical modeling of 2D melt fracture instability in viscoelastic flow	SM38 - D. Long - Dynamical heterogeneities, yield stress, plastic flow and strain hardening in glassy polymers. Theory	MN1 - D. Fedosov - High-throughput microfluidic characterization of erythrocyte shape and mechanical variability	PS4 - O. Philippova - Rheology of double networks composed of polymer and micellar chains	FP - Food, Pharmaceuticals & Cosmetic
10:20	CS34 - V. Labalette - Structure and rheology of a suspension of colloidal particles with shape and charge anisotropy	NF35 - A. Sucena - A curvature dependent mass-correction scheme for the Level-Set method	SM40 - A. Varela-Feijoo - Magneto sensitive nanocomposite biopolymer gels: from elaboration to investigation of rheological properties under applied magnetic field		PS5 - E. Vereroudakis - Non-monotonic rheological behaviour of hydrogels consisting of mixtures of supramolecular hydrogelators	
10:40	CS35 - S. Makino - Suspensions of granular particles embedded in fumed silica gels	NF36 - H. Jang - Energy dissipation rate-based viscosity measurement method for pressure-driven flows of non-Newtonian fluids		MN2 - A. Lindner - The dynamics of flexible Brownian fibers in viscous flows		GM Granular Materials & Highly Filled Systems
11:00	Coffee Break					BE - Blends, Emulsions, Foams & Interfacial Rheology
Chair	Guillaume Ovarlez	Marek Dziubinski	Christian Clasen	Francisco Galindo-Rosales	George Gazonas	EM - Experimental Methods & Progress in Rheometry
11:30	CS36 - G. Kumar - Settling dynamics of two spheres in a suspension of Brownian rods	NF37 - S. Riisøen - Uncertainty in frictional pressure loss modelling of pipe flow for a non-Newtonian drilling fluid	EM13 - B. Moeginger - Particle sedimentation in a dental resin investigated by dielectric analysis (DEA) using IDEX-sensor	MN3 - L. Campo-Deaño - On the hemodynamics around 2D microbot prototypes	TM1 - M. Negahban - Thermo-mechanical response of PEEK and PC in nonlinear cyclic shearing	LA - Living & Active Matter
11:50	CS37 - G. Natale - Oscillatory shear response of the rigid-rod model in nematic regime	NF38 - S. Niroumandi - 3-D simulation of pulsatile blood flow using a haemorheological model	EM14 - A.R. Davies - Rate dependent relaxation spectra and a novel approach to comparison of parallel and orthogonal superposition dynamic moduli	MN4 - M. Trofa - Numerical simulations of particulate fouling in microchannels	TM2 - P. de Souza Mendes - Accounting for thixotropy and setting: mechanical behavior of a cement paste	
12:10	CS38 - D. Palanisamy - Fluctuating stresses and viscosities of colloid suspensions	NF39 - J. Chen - Characterization of the effective slip in non-Newtonian fluid flows over corrugated surfaces in terms of the energy dissipation rate	EM15 - S. Bindgen - Implementing shear flow in a versatile simulation environment	MN5 - H. Bodiguel - Particle migration in confined viscoelastic channel flows of polymer solutions: a quantitative study	TM3 - J. Champagne - Hydrostatic pressure effect on the non-linear mechanics of filled rubbers: experiments and physico-mechanical approach	PS - Polyelectrolytes, Self Assembling Fluids & Gels
12:30	CS39 - M. Fuchs - Emergence of long-lived and long-ranged stress correlations in glass-forming colloidal dispersions	NF40 - H. Suzuki - Three-dimensional flow characteristics around a bulge structure in a cavity swept by a viscoelastic fluids	EM16 - O. Laukkanen - Characterization of physical aging by time-resolved rheometry: fundamentals and application to bituminous binders	MN6 - J. Cappello - Controlling particle trajectories in confined flows via particle shape	TM4 - C. Negrão - Experimental investigation of start-up flows of time dependent materials	IP - Industrial Rheology & Processing
12:50	CS40 - A. Townsend - Simulating flexible filament suspensions and their sedimentation		EM17 - R. Kádár - Percolation and structural fingerprinting of 3D hierarchical polymer nanocomposites from nonlinear oscillatory shear	MN7 - G. D'Avino - Viscoelastic ordering of particles in a straight microfluidic channel	TM5 - M. Assad-Bustillos - Deformation of soft solid foams investigated using Finite Element Modelling (FEM) and ultra-fast X-Ray tomography: application to the study of food chewing mechanisms	TM - Mechanics of Time-Dependent Materials
13:10	Lunch Break					MN - Micro, Nano Fluidics & Microrheology

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Chair	Christian Kukla	Maria Teresa Cidade	Olga Philippova	Pouyan Boukani	Alberto D'Amore
14:40	GM14 - M. Sperl - Rheology of granular media on ground and in space	IP18 - S. Dittich - Rheological behavior of glass ceramic pastes used as sealants for solid oxide fuel cells	PS6 - L. Bravo Anaya - Role of electrostatic interactions on supramolecular organization in calf-thymus DNA solutions under flow	MN8 - M. Maleki - Structuration of suspensions of soft microcapsules in confined flow, an experimental study	TM6 - L. Grassia - Resolution of the local segmental mode in amorphous polymers: do the chain relaxation modes affect the structural relaxation?
15:00	GM15 - J. Gonzalez-Gutierrez - Optimisation of the interfacial bonding in polypropylene filled with different types of glass spheres produced by extrusion-based additive manufacturing	IP19 - F. Okkels - New tool for process rheology	PS7 - G. Ducouret - Sol-Gel transitions of modified polysaccharides under temperature and salt control	MN9 - M. Tassieri - Microrheology with optical tweezers: peaks & troughs	
15:20	GM16 - A. Kottlan - Rheological investigations on free-flowing and cohesive powders in different states of Aeration, using a ball measuring system	IP20 - V. Hervio - Rheology and self-adhesion of uncrosslinked butadiene-acrylonitrile rubber	PS8 - A. Shibaev - Synthesis and rheological properties of polysaccharide hydrogels with two types of "physical" cross-links	MN10 - B. Soh - Topological glass in self-entangled ring polymers	TM7 - A. Belguise - Onset of mechanical nonlinearities for amorphous polymers in their glass transition regime : experimental results and model
15:40	GM17 - K. To - Flow and clog of grains in silos		PS9 - V. Vanzanella - Rheological characterization of the sol-gel transition kinetics of K-carrageenan hydrogels	MN11 - R. Hidema - Effects of molecular weight on drag forces of polyethyleneglycol in a flow measured by a scanning probe microscope	TM8 - G. Gazonas - Asymptotic impact behavior of linear viscoelastic media
16:00	Coffee Break				
Chair	Christian Kukla		Olga Philippova	Manlio Tassieri	Alberto D'Amore
16:30	GM19 - X. Wang - The concept of jamming in filled rubbers		PS11 - R. Pasquino - Morphological transitions of aqueous solutions containing Pluronic	MN12 - W. Thitisomboon - Confinement induced gelation of Pluronic F127 in nanoporous ultrahigh molecular weight polyethylene membrane	TM9 - F. Marchesini - Modeling the irreversible time-dependent rheological behavior of complex materials
16:50			PS12 - A. Ryl - Shear-induced gelation of chitosan hydrogels under non-isothermal and isothermal conditions	MN13 - K. Zografos - A numerical investigation of the performance of the "Extensional Viscometer Rheometer On a Chip" (e-VROCTM)	
17:10			PS13 - M. Naccache - Rheology of Carbopol dispersions	MN14 - D. Kawale - Microfluidic rectifier for viscoelastic polymer solutions flowing through porous media	
17:35	Closing Ceremony (Europa I)				
17:50	End				