

Wednesday April 7

From 8:00	Registration Chalmers Conference Centre Reception													
9:00-9:20	Welcome ceremony in Runan													
9:20-10:00	Environmental rheology Plenary lecture by David Boger in Runan													
10:00-10:40	Coffee Break													
Lecture Hall	Runan	Palmstedtsalen	Scaniasalen	Catella	Valdemar	GD	VH							
Symposium	Polymer melts and solutions	Complex fluids	Complex flows	Food and bio-rheology	Applied rheology	Rheometry	Ultrasonic techniques - ISUD7							
10:40-11:00	Chair: Johanna Aho Keynote Lecture Manfred Wagner Recent progress in modeling of polymer melt rheology	Chair: Meshe Gottlieb Peter Holmqvist The phase behaviour and kinetics of attractive rod-like viruses under shear flow.	Chair: Jean Francois Tassin Oriane Bonhomme Interfacial Instability due to elastic stratification in concentric flow in microfluidics	Chair: Bettina Wolf Xiuying Qiao Effect of fiber network on the rheological behavior of silk fibroin fiber reinforced poly(α -caprolactone) biocomposites	Chair: Jan Engmann Quentin Barral Three dimensional rheometry: application to yield stress fluids	Chair: Helmut Münstedt Reidar Barfod Schüller Effect of random noise on the prediction accuracy of the statistical model for determination of wax appearance temperature from rheological data.	Chair: Johan Wiklund Keynote Lecture Yasushi Takeda & Hiroshige Kikura Paradigm shift in flow metering							
11:00-11:20								Dimitris Vlassopoulos Dynamics and rheology of colloidal star polymer solutions	J. Tsamopoulos Steady viscoelastic film flow over two-dimensional topography	Antonio Sullo Characterisation of starch/cellulose blends	Galina Kubyschkina Polyamides with gradient structure in medical applications	Gerrit W. M. Peters Semi-crystalline polymers: counting nuclei with rheometry		
11:20-11:40								Christian Carrot A modification of the Leonov's model for the explanation of a secondary plateau on the loss modulus of heterogeneous polymer systems: the leap-frog mechanism	Kuzhir Pavel Shear Rheology of magnetic fibre suspensions	F. T. Pinho A low Reynolds number turbulence model for turbulent channel flow of FENE-P fluids	Yuri Antonov Effect of Sulfate Polysaccharide on the Structure Formation and Phase-separation Behaviour in Biopolymer Emulsion.	Stefania Baldursdottir Development of thermiresponsive particulate vaccine formulations	Jan Philip Plog Determination of molecular structures as a function of the deformation by means of simultaneous rheometry and FT-IR spectroscopy	
11:40-12:00								D. Auhl Nonlinear flow behaviour of highly-entangled Bimodal polystyrene blends	Simon Rogers Nonlinear response of soft colloidal glasses undergoing yielding	Nouar Chérif Transitional flow of a non-Newtonian fluid in a pipe. Experimental evidence of weak turbulence induced by shear-thinning behaviour	Azad Emin Dispersion of low viscous oil droplets into thermoplasticized starch matrix in simple shear flow	Ivan Saprunov Time-dependent properties of PA fibers in comparison with corresponded material bulk properties	Andreas C. Voelker Soft materials rheology studied by diffusing wave spectroscopy	Daisuke Ito Two-phase flow monitoring using ultrasonic multi-wave technique
12:00-13:10	Lunch													
13:10-13:30	Chair: Manfred Wagner Dimitris Vlassopoulos Viscoelastic relaxation of entangled exact comb polymers	Chair: Veruschka Fester Keynote Lecture Norman J Wagner Microstructure and rheology relationships for concentrated colloidal dispersions: Shear thickening fluids and their applications.	Chair: Lionel Choplin Marc-Antoine Fardin Elastic turbulence in the flow of wormlike micelles	Chair: Heidi Nielsen Brian Love Gelation of photopolymerized hyaluronic acid grafted with glycidyl methacrylate	Chair: Susana Filipe A. O. Nieckele Wax deposition of a Bingham fluid in channel flow	Chair: Marcus Schmidt Anthony Harriman Multi-functional fluorescent probes for in-situ measurement of visco-elasticity	Chair: De Cesare Yuichi Murai Ultrasound Doppler rheometry from spin response of viscoelastic and bubbly liquids							
13:30-13:50								Jung-Eun Bae A new algorithm for time-temperature superposition	Jin Suk Myung Shear banding in rotating couette flow of anisotropic particulate suspensions	Emmambux M Naushad Rheology of low calorie mayonnaise with indigenous African teff starch as fat replacer	Florian Démé Rheology and morphology of extruded thermoplastic flour/ PBAT blends : influences and interactions of specific energy, plasticizer content and botanical origin.	Andrew C. Benniston "Clip and Go" technology: taylor-made fluorescent viscosity probes	Takahisa Shiratori Velocity profiling of viscoelastic fluids around a falling sphere	
13:50-14:10								E. van Ruymbeke Nonlinear rheology of bidisperse linear polymers: mixing law and tube pressure effect	Rawiwan Banchathanakij Static and dynamic properties of organized molecular systems for the design of silicate mesoporous materials	M.P. Lettinga Competition between shear banding and wall slip in wormlike micelles	Taco Nicolai Universal rheology of xanthan solutions: from visco-elastic solutions to shear thinning gels.	Achraf Guefreh Rheology of silica gels in grouting	Claudia Carotenuto Apparent wall slip induced by roughed plate surfaces	Beat Birkhofer Wall shear measurement based on ultrasonic velocimetry for process in-line rheometry
14:10-14:30								Joachim Kaschta Temperature-dependent elastic properties of linear and various long-chain branched polyolefin melts	Fernando Bautista The rheological global diagram and critical phenomena beyond equilibrium for self-associative fluids	Divoux Thibaut A time resolved study of the yielding transition for a simple yield stress fluid	Thomas Gillgren Impact of melt rheology on zein foam properties	Friedrich Wolff Viscoelastic properties and crosslinking behaviour of a silicone resin	Kyung Hyun Ahn In-situ visualization of capillary flow of concentrated suspensions	Sebastien Manneville Ultrasonic velocimetry in carbon black suspensions
14:30-14:50								Beatriz Olalla Viscoelastic effects related to agglomerates in dispersion of mineral particles within molten polymers	Brian Love Concentration dependent micellization of F127 solutions and the kinetics of ordering using rheology, DSC, and small angle x-ray scattering	Catherine Barentin Influence of boundary conditions on yielding in a soft glassy material	Daniel Johansson Extensional rheology applied to development of gluten-free bread	Moises Garcia-Morales Rheology and foaming kinetics of poly-urethane/urea modified bitumen	Erwin K. Reichel Miniaturized high frequency plate resonators for rheometric applications	Emma Levenstam Bragd Ultrasound based methods for acoustic characterization, in-line viscosity and solid fat content (SFC) measurements of fat blends
14:50-16:10	Coffee Break													
	Poster session 1													
16:10-16:30	Chair: Joao Maia Emilia Gioffredi Crystallization behavior of organoclay reinforced iPP	Chair: Sami Hietala Octavio Manero Flow-induced birefringence near of non-equilibrium critical point for worm-like micellar solutions	Chair: Lionel Choplin Keynote Lecture Sandra Lerouge, Erich Windhab Shear banding and other two-layer flows with transient microstructure in theory and applications	Chair: Naushad Emmambux Patricia Lopez-Sanchez Rheological properties of carrot and tomato dispersions as result of high pressure homogenisation (HPH)	Chair: Niail Young Francisco Javier Navarro Dominguez Rheological properties of new stable MDI isocyanate-based bituminous foam	Chair: Marcus Schmidt Francois Caton Fast fourier transform rheometry	Chair: Yasushi Takeda Maxime Chinaud USV procedure for flowing fluids and suspensions							
16:30-16:50								Marina Saphiannikova Effects of strain and stress amplification in filled polymer melts	Shibaev Andrey Viscoelastic behavior and responsiveness of surfactant gels formed by wormlike micelles	Elling-Olav Rukke Rheological studies of butter and margarine exposed to repeated breaks in the cooling chain.	Laurence de Viguerie Evolution of the renaissance oil painting media through rheological clues	Franck Challenges measuring the stress response of viscoelastic fluids during LAOS experiments.	Stéphane Fischer A new high resolution velocity and acoustic turbidity profiler for open-channels	
16:50-17:10								Aurélie Papon LAOS: a new signature for the mechanics of filled elastomers	Mônica Naccache Waxy crude oils: rheological characterization, apparent wall slip, and history effects	Chaiwut Gamonpilas Comparative rheological studies of commercial chili sauces	Suraj Deshmukh Rheology of complex urethane adhesives	Reidar Barfod Schüller experimental determination of time dependent yield properties	Jolanda Jenzer Althaus Experiments on water jet induced cyclonic circulation - measurement of flow pattern and sediment concentration at reservoir outlet works	
18:00	Reception in the City Hall													