

Nordic Rheology Conference- Stavanger 2007				
Wednesday 13th of June-Rheology course and reception				
Location: University of Stavanger				
12:00-13:00	Registration			
13:00-16:30	Rheology Course			
17:00-19:00	Reception			
Thursday 14th of June- Conference (Statoil-Forus East)				
08:00-09:00	Registration			
09:00-09:10	Opening of NRC 2007			
An introduction to emulsions and suspension from different perspectives				
	Title	Authors		
09:10-10:00	Rheological Fingerprinting of Complex Fluids using Large Amplitude Oscillatory Shear (LAOS) Flow	R. H. Ewoldt, A. E. Hosoi and G. H. McKinley		
10:00-10:40	Predicting HP/HT effects on the flow properties of field water based muds: Trials & Tribulations	R. P. Jachnik		
10:40-11:00	Coffee break			
11:00-11:40	Behaviour of suspensions and emulsions in drilling fluids	A. Tehrani		
11:40-12:00	Rheology of protein-stabilized interfaces and their effect on the deformation behaviour of emulsion drops	P. Fischer and P. Erni		
12:00-13:00	Lunch			
Parallell session 1 (Materials with high Deborah numbers)			Parallell session 2 (Polymers and Food Applications)	
	Title	Authors	Title	Authors
13:00-13:20	Steady-state rheological properties of fresh Self Compacting Concrete and their evolution in time	D. Feys, R. Verhoeven and G. De Schutter	The effect of carrier molecular weight and pigment particle concentration on the rheological properties of suspension systems in polymeric medium	S. S. Hosseini, A. Mehrabani-Zeinabad and A. Zadhoush
13:20-13:40	Rheological and structural investigations on cement slurries	O. H. Wallevik, S. Kubens, H. Pálsson, B. Helgason and S. Grétarsdóttir	Fibre Flow Research History: Part II. Continuation	U. Björkman
13:40-14:00	Kinetic investigation of the addition curing vulcanization	A. Ladegaard Skov	Thermo rheology of highly viscous products in a scraped surface heat exchanger	M. Gram Christensen and A. Friis
14:00-14:20	The pom-pom-story: From science fiction to reality	V. H. Rolón-Garrido and M. H. Wagner	Evaluation of the effect of viscous heating in capillary rheometry of polymer melts	S. Syrjälä
14:20-14:40	Thixotropic characterization of fresh cement pastes	F. J. Rubio Hernández, J. F. Velázquez Navarro and F. J. Galindo Rosales	Understanding factors affecting depolymerisation of galactomannans at elevated temperatures; using rheological measurements	M.S. Kök
14:40-15:00	The influence of the suspending phase on the rheological behaviour of Aerosil R805 suspensions	F. J. Galindo Rosales and F. J. Rubio Hernández	Effect of two kinds of cryoprotectants in the viscoelasticity of squid surimi gels during frozen storage	L. Campo and C. A. Tovar
15:00-15:20	Coffee break			
Instrumentation				
	Title	Authors		
15:20-15:40	Validation of empirical rules for a standard polymer solution by different rheological tests	J. Laeuger and P. Heyer		
15:40-16:00	What happens when rheological properties change? Looking into rheological properties with simultaneous collection of microscopic images	K. Oldörp		
16:00-16:20	Fast sampling in oscillation mode	P. Hodder and B. Costello		
19:00-23:00	Conference dinner at Flor and Fjære			

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Friday 15th of June- Conference (Statoil-Forum East)

Fundamental research and industrial applications (part I)

08:45-09:00	Morning stretch			
09:00-09:20	Investigation of Single Drop Deformation in Complex Flow Fields	R. D. Egholm, P. Fischer, K. Feigl and P. Szabo		
09:20-09:40	Ultrasound Doppler based In-line rheometry for processing applications	J. Wiklund, M. Stading and C. Trägårdh		
09:40-10:00	Characteristic of the velocity profiles over fixed dunes in pipe	A. H. Rabenjafimanantsoa, R. W. Time and A. Saasen		
10:00-10:20	Measuring physical quality of pelleted feed by texture profile analysis, a new pellet tester and comparisons to other common measurement devices	C. Salas-Bringas, L. Plassen, O.-I. Lekang and R. B. Schüller		
10:20-11:20	Coffee break and poster sessions			
11:20-11:40	Fluid temperature control in rotational rheometers with plate-plate measuring systems	R. B. Schüller and C. Salas-Bringas		
11:40-12:00	Rheological evaluation of different stages of squid surimi made by two methods	L. Campo and C. A. Tovar		
12:00-13:00	Lunch			
13:00-14:00	Annual business meeting and poster session			
Industrial applications (part II)				
14:00-14:20	Laboratory investigation of barite sag in drilling fluids	D. S. Marshall		
14:20-14:40	Rheological Analysis of Static and Dynamic Sag in Drilling Fluids	J. Maxey		
14:40-15:00	Estimation of viscosity of natural salts of the Hormuz- and the Namakdan salt diapirs in the Persian Gulf	S. Mukherjee, C. Talbot, and H. A. Koyi		
15:00-15:20	Hydrate slurry rheology in the petroleum industry	K. Hald and S. Nuland		
15:20-15:40	Polymer Drag Reducer Mechanism in Light of Rheological and Molecular Behaviour in Fluid Streams	A. A. Hamouda		
15:40-16:00	Closing session			