

10th Anniversary Nordic Rheology Conference

Wednesday, June 13th 2001:

18.00- : Civic Reception at the Archbishops Palace, Trondheim

Thursday, June 14th :

09.00-09.15: Opening session

09.15-10.00: Keynote lecture:

Rheology of pectin-gelatin co-gels

Paula M. Gilsonan¹, Robert K. Richardson¹ & Dr. Edwin Morris²

¹Dept. of Food Research and Technology, Cranfield University, Silsoe College, UK, and ²Dept. of Food Science, Food Technology and Nutrition, University College Cork, Ireland

10.00-10.20: **O1: Interaction of low methoxyl pectins with skim milk: rheology and microstructure**

A. Marozienne¹ & R. Ipsen²

¹Lithuanian Food Institute, Lithuania, and ²The Royal Veterinary and Agricultural University, Denmark

10.20-10.40: **O2: Rheology and microstructure of edible coating**

Mats Stading

SIK, Sweden

10.40-11.00: Coffee Break

11.00-11.20: **O3: Measurement of adhesion between meat and pasta products**

Alan Friis & Birgitte Brandt Andersen

BioCentrum-DTU, Denmark

11.20-11.40: **O4: Rheology of seed oil body preparations**

Sarah L. Mason

BioCentrum-DTU, Denmark

11.40-12.40: NRS Members Annual Meeting

12.40-13.30: Lunch

13.30-14.15: Keynote lecture:

BSA-polysaccharide gels; the importance of electrostatics

Olav Smidsrød, Susann Neiser and Kurt I. Draget

Dept. of Biotechnology, NTNU, Norway

- 14.15-14.35: **O5: Microstructure and viscosity of yoghurt with inulin added as a fat-replacer**
Richard Ipsen¹, Jeanette Otte¹, Guillaume Lozahic² & Karsten B. Qvist¹
¹The Royal Veterinary and Agricultural University, Denmark, and ²Ecole Nationale Supérieure, Rennes, France
- 14.35-15.00: Coffee Break
- 15.00-15.20: **O6: Application of shear induced diffusivity in solid particle transportation: experimental and modelling**
A. Ramadan¹, A. Saasen² & P. Skalle¹
¹Dept. of Petroleum Engineering, NTNU, Norway, and ²Statoil, Stavanger, Norway
- 15.20-15.40: **O7: Rheological properties of high temperature oil well cement slurries**
Helge Hodne¹, Arild Saasen² & Skule Strand
¹Stavanger University College, Norway, and ²Statoil, Stavanger, Norway
- 15.40-16.00: **O8: Rheological measurements on a high yield value Bingham fluid with a low agitation**
Jon E. Wallevik
 Dept. of Building and Construction Engineering, NTNU, Norway
- 16.00-17.00: Poster Session
- 19.00- Conference Dinner

Friday, June 15th :

- 09.00-09.45: Keynote lecture:
Free volume concept in rheology
Dr. Leszek Utracki
 National Research Council, Canada
- 09.45-10.05: **O9: Rheological characterisation of paper coating suspensions**
Peter Szabo & Mia Vengel Nielsen
 The Danish Polymer Centre, DTU, Denmark
- 10.05-10.25: **O10: In-line rheometry of highly concentrated suspensions using ultrasound doppler based UVPPD method**
Boris Ouriev, Erich Windhab, Jochen Lisner & Thomas Scheiwiller
 Bühler AG, Switzerland
- 10.25-11.00: Coffee Break
- 11.00-11.20: **O11: Elongational viscosity of polyethylene melts; a comparison between different measurement methods and their relevance to polymer processing**

Svein Eggen
Borealis, R & D, Norway

- 11.20-11.40: **O12: Melt elasticity of polyolefines - some examples of its role in polymer processing**
Einar L. Hinrichsen
SINTEF Oslo, Norway
- 11.40-12.00: **O13: The viscoelastic end plate instability in the stretch of concentrated polymer solutions**
Henrik Koblitz Rasmussen¹, Pierre-Yves Longin², Anders Bach² & Ole Hassager²
¹The Danish Polymer Centre, and ²Dept. of Chemical Engineering, DTU, Denmark
- 12.00-13.00: Lunch
- 13.00-13.20: **O14: Decades of progress: The shifting boundaries of rheometers**
Niall W.G. Young¹, Mats Larsson² & Don Fleming³
¹Danisco Cultor, Denmark, ²ML Reologisk Mätteknik, Sweden, and ³Fleming Polymer & Testing Consultancy, England
- 13.20-13.40: **O15: Direct Strain Oscillation: Oscillation measurements at small strains and stresses**
Jörg Läuger, Klaus Wollny & Siegfried Huck
Physica Messtechnik GmbH, Germany
- 13.40-14.00: **O16: Validation of a texture simulator**
Nancy Kjøbæk, Alan Friis, Per Møller & Jens Adler-Nissen
BioCentrum-DTU, Denmark
- 14.00- Closing Ceremony