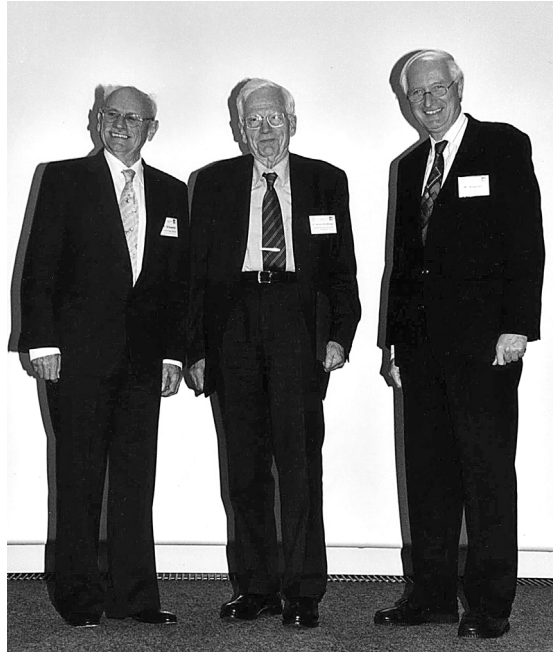


RHEOLOGENTAGUNG 2003 MEETING OF THE GERMAN SOCIETY OF RHEOLOGY

MAY 5TH – 6TH, 2003
BERLIN, GERMANY

Figure 1 (left above):
Prof. Schwarzl,
Prof. Janeschitz-Kriegl and
Prof. Wagner (left to right).



Sunday evening the participants met for a get-together at the Restaurant “Opernpalais” in Berlin, Unter den Linden. Due to spring time, this site and also the BAM institute, which is located near the Botanic Garden, provided a beautiful setting for a meeting in the German capital Berlin.

The program started on Monday morning with opening and welcoming words of Professor Dr. K.-H. Habig, who is a board member of the BAM, and Professor Dr. M. H. Wagner, the President of the German Society of Rheology. Afterwards, the first presentations were given on non-linear dynamic equations, the application of neural networks in rheology and the influence of elongational viscosity on the quality of extruded films. Speakers included Professor Dr. H. Pleiner (Mainz), Dr. M. Schmidt (Krefeld) and T. Gabor (Darmstadt). After a short coffee break the meeting continued with two lectures in the field

The bi-annual meeting of the German Society of Rheology (DRG) was held on May 5th – 6th, 2003 in Berlin together with the committee “Rheologie” of the “VDI-Gesellschaft Verfahrenstechnik und Chemieingenieurwesen” (GVC) at the “Bundesanstalt für Materialforschung und -prüfung” (BAM). It was organized by the DRG and the GVC under the direction of Professor Dr. W. Mielke, Professor Dr. M. Wagner and Dr. H. M. Laun. On



of polymer melt rheology, which were given by D. Auhl (Erlangen) and D. Schulze (Freiburg). The first one dealt with the influence of long-chain branching on viscoelastic properties of polypropylene and the second one on topology classification possibilities of branched polymers. They were followed by presentations of M. Heindl (Erlangen) about morphology development in polymer blends under extensional flow and M. Dressler (Zürich), who spoke about modelling polymer blends by thermodynamic approaches. After lunch two more lectures were

Figure 2 (left below):
Young scientists rheology
prize-winner (Rheologie-
Preisträger 2003)
Dr. Patrick Ilg with
Prof. Mielke.



Figure 3 (right middle):
Young scientists rheology
prize-winner (Rheologie-
Preisträger 2003) Dr. Heike
Bastian with Prof. Wagner.

This is an extract of the complete reprint-pdf, available at the Applied Rheology website
<http://www.appliedrheology.org>



Figure 4 (left above): Prof. Mielke and his organizing team, Mrs. Richter und Mrs. Alibegovic (left) at the reception.

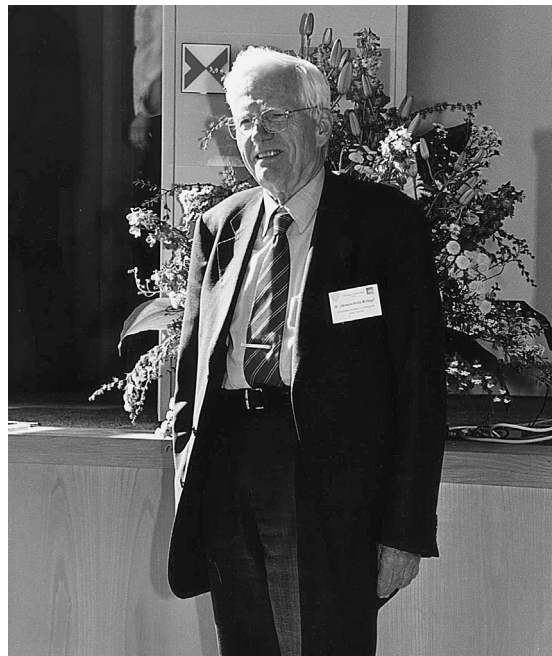


Figure 6 (right above): Prof. Hermann Janeschitz-Kriegl receiving the Honorary Membership of the DRG.

given by G. Mönch (Karlsruhe) and M. Hufschmidt (Aachen). They talked about a commercial shear rheometer with integrated microscope and on morphology studies of metal suspensions.

In the afternoon the “Rheologie-Preise 2003” (Young Scientists Rheology Awards) were awarded to Dr. Heike Bastian (Stuttgart) and also to Dr. Patrick Ilg (Zürich) for their dissertations on “Non-linear viscoelasticity of linear and long-chain-branched polymer melts in shear and extensional flows” and on “Reduced description of kinetic models of polymer dynamics”. Unfortunately, Dr. Bastian was not able to receive her prize herself on this day, so her supervisor Professor Wagner passed it on to her in Stuttgart later. Within the scope of this event a laudation on the two awardees was held by Professor Dr. N. Aksel.

Furthermore, Professor Dr. H. Janeschitz-Kriegl received the Honorary Membership of the DRG “for his outstanding scientific contributions in the field of polymer melt rheology and especially for his pioneering work on the correlation between deformation and crystallization”. The laudation was given by Professor em. Dr. F. R. Schwarzl, a former President of the DRG and a

near friend from their time together at the TNO Delft (The Netherlands Organisation for Applied Scientific Research). In his speech Professor Schwarzl gave a brief overview of the scientific and private life of Professor Janeschitz-Kriegl. After this ceremony, the first day of the meeting ended with a cocktail reception. Later this evening, the annual meeting of the DRG was organized. Hereby Professor Dr. H. Münstedt of the University Erlangen-Nürnberg was elected as the new President of the DRG following Professor Wagner. As the new vice-president Dr. N. Willenbacher of BASF AG joined the board of the DRG. The other vice-president is Professor Dr. R. Schnabel, University Halle-Wittenberg.

The second day of the “Rheologentaugung 2003” started with a meeting of the GVC committee “Rheologie” in the morning. This event was followed by a lecture on elongational flow studies on polymer solutions in different surroundings by C. Wilkes (Essen) and a presentation by Professor Dr. H. Rehage (Essen), who described the non-linear viscoelastic properties of tensile solutions by the „Ein-Moden Giesekus



Figure 5 (left below): A glance at the audience.



Figure 7 (right below): Prof. Becker, Prof. Janeschitz-Kriegl accompanied by his wife, Prof. Meissner, and Prof. Mielke.

Modell". Thereafter an half-hour poster session with contributions of P. Erni (Zürich) and Professor Dr. W. Pechhold (Ulm) was organized. They dealt with interfacial rheology and oscillatory measurements in the high frequency range. Before lunch Dr. P. Ilg presented an excerpt of his award-winning work and C. Witt (Dortmund) and M. Wloka (Essen) talked about rheo-optical properties of tenside solutions and rheological phenomena of biofilms.

Before the closing of the conference in the late afternoon four papers about properties of hydro-gels and concentrated suspensions as well as about possibilities to characterize cosmetic and milky foams by rheological measurements were presented. Speakers included Professor Dr. H. Hoffmann (Bayreuth), A. Erk (Karlsruhe), M. Griebenow (Hamburg) and Professor Dr. B. Senge (Berlin).

Summarizing the event it can be said that the meeting covered a broad spectrum of topics from many fields of science and applications where rheology is a relevant tool for prod-

uct design, analysis and processing. Since the meeting was organized as a discussion forum with time for questions and comments after the presentations, it provided a perfect platform for many fruitful discussions right after the presentations and also during the breaks. For the conference 67 delegates were registered. This number is remarkable regarding the annual European Rheology Conference starting this year. The board of the German Society of Rheology is convinced that besides international events national meetings will remain of importance and interest to many scientists working in the field of rheology.

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9th European School on Rheology

Short Course on

RHEOLOGICAL MEASUREMENTS

APPLICATIONS TO POLYMERS SUSPENSIONS AND PROCESSING

Organized by the:



European Society of Rheology

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Belgian Group of Rheology

for the 5th time hosted by the K.U. Leuven, Department of Chemical Engineering

September 15-19, 2003

Aim

The aim of the course is to give practicing engineers and chemists, as well as young PhD students an understanding of:

- the fundamentals of rheology
- principles of measurements
- practical experience
- applications to problem solving

Faculty

Prof. G.G. Fuller, Stanford University (USA)
Prof. C.W. Macosko, University of Minnesota (USA)
Prof. G. Marrucci, University of Naples (I)
Dr. H.M. Laun, BASF (G)
Prof. R. Keunings, Université Catholique de Louvain (B)
Prof. J. Mewis, K.U. Leuven (B)
Prof. P. Moldenaers, K.U. Leuven (B)
Prof. J. Vermant, K.U. Leuven (B)

For more information on the course, see the web-page at www.cit.kuleuven.ac.be/cit/ltrk/course.html or contact Peter Van Puyvelde
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