Figure 1:
Conference participants.

Conference Report II

Novel Trends in Rheology III

Tomas Bata University in Zlín, Czech Republic
July 28–29, 2009

The international conference 'Novel Trends in Rheology III', July 28–29, 2009 (http://novel-trends.ft.utb.cz/) has been organized by the Polymer Centre, Faculty of Technology, Tomas Bata University in Zlín in cooperation with the Czech Group of Rheology, which belongs to the Czech Chemical Society and the Society of Plastics Engineers (SPE). The meeting has captured resent development in the areas of modeling of polymer processing, non-Newtonian fluid mechanics, constitutive equations, rheology of composites/blends/rubbers and gels, novel rheological techniques and applied rheology for electrospinning process. All conference lectures were given by invited speakers which have been carefully selected to guarantee a very high level of both, presentations and scientific papers. The poster submission was open for all registered participants.

It was our pleasure to welcome speakers from the sounds polymer science oriented universities/institutes (Prof. Manfred Wagner and Victor Hugo Rolon-Garrido from TU Berlin, Germany; Zdenek Stary who belongs to Prof. Helmut Münstedt research group at University of Erlangen, Germany; Adrian Kelly and Mike Martyn who belong to Prof. Phil Coates research group at University of Bradford, UK; Miguel Nobrega from University of Minho, Portugal; Frederik Desplentere from Katholieke Hogeschool Brugge – Oostende, Belgium; the Czech Rheologists were represented by Prof. Martin Zatloukal, Jan Musil, Michal Stanek, Robert Olejnik, Niladri Roy, Lucie Marcanikova, Roman Kolarik, Pavel Kubik, Wannes Sambaer from Tomas Bata University in Zlín; Alexander Sury, Jaroslav Strnadel and Prof. Ivan Machac from University of Pardubice – president of the Czech Society of Rheology; Ivan Fortelny from Institute of Macromolecular Chemistry, Petr Filip and Alexander Kharlamov from Institute of Hydrodynamics; Ondrej Wein from Institute of Chemical Process Fundamentals) as well as industry (Jiri Vlcek, president of Compuplast International, Inc., Czech Republic; Susana Filipe, Borealis Polyolefine, Austria; Dietmar Böettner, TI Automotive, Germany; Joachim Sunder, Göettfert Werkstoff-Prüfmaschinen, Germany; Torsten Remmler, Malvern, Germany; Dusan Kimmer, SPUR, Czech Republic; Michael Ringhofer, Anton Paar, Austria; Massimo Baiardo, TA Instruments, Belgium; Ansgar Frendel, Thermo Fisher Scientific, Germany). We also would like to thank our sponsors (Anton Paar, 3M; TA Instruments; Amedis; Malvern Instruments; Anamet, Thermo Fisher Scientific and Pragolab) for the financial support.

The conference has been hosted at the Tomas Bata University in Zlín, Zlín, Czech Republic and the conference proceedings have been published by American Institute of Physics as a book entitled as 'Novel Trends in Rheology III' with 336 pages, having the following ISBN: 978-0-7354-0689-6. The next meeting of this series (Novel Trends in Rheology IV) will be organized in summer 2011 and specific attention will be paid to applied rheology and polymer processing.

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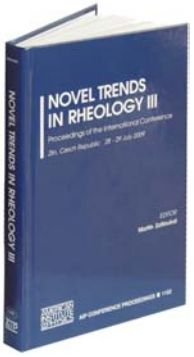

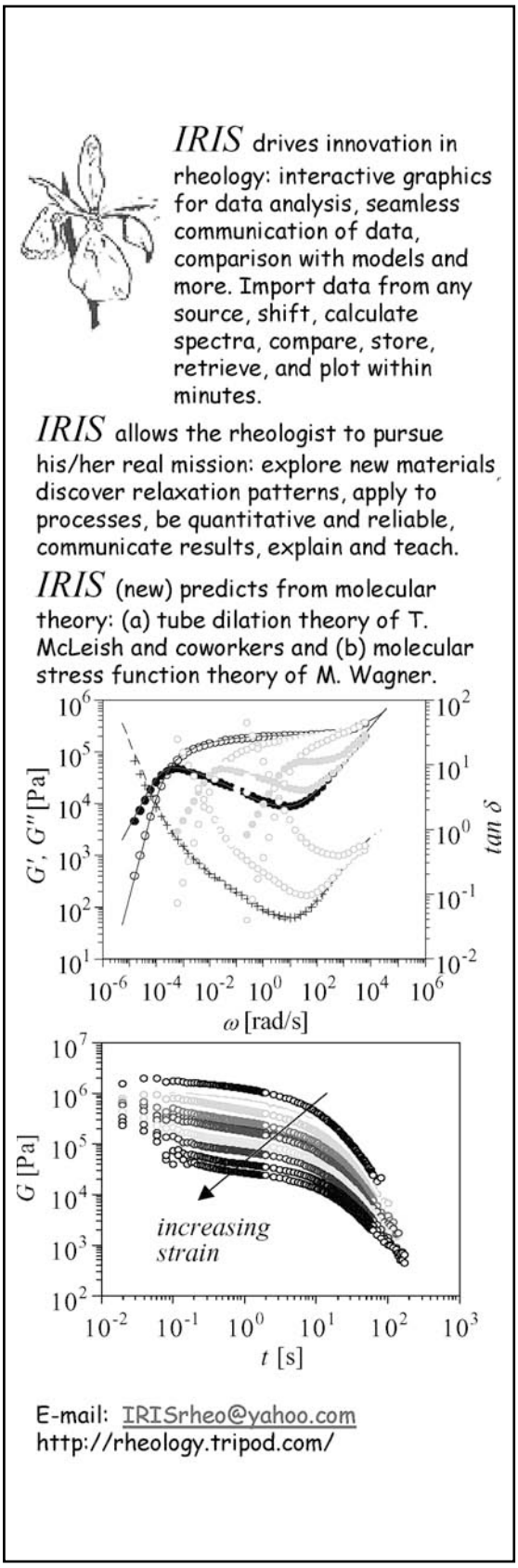

Figure 2:
Discussion after the lectures.

Figure 3:
Exhibition.

Figure 4:
Poster session.

Figure 5:
Conference book.