

## NOVEL TRENDS IN RHEOLOGY IV

ZLIN, CZECH REPUBLIC

JULY 27–28, 2011

## Conference Report III

The biennial international conference 'Novel Trends in Rheology IV' (<http://noveltrends4.ft.utb.cz/>) has been organized by the Centre of Polymer Systems, Polymer Centre, Tomas Bata University in Zlin 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 recent development in the areas of non-Newtonian fluid mechanics, novel rheological techniques, rheology of polymers/composites/blends and gels, electro/magneto rheology and applied rheology for polymer nanofiber production and

characterization. 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. Each invited speaker has received the plaque. The poster submission was open for all registered participants.

It was our pleasure to welcome speakers from the sound polymer science oriented universities/institutes (Prof. Manfred Wagner and Victor Hugo Rolon-Garrido from TU Berlin/Germany, Prof. Helmut Münstedt and Zdenek Stary from University of Erlangen/Germany, Alexan-

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Figure 1 (left above):  
Conference book.

Figure 2 (right above):  
Conference participants.

Figure 3 (middle):  
Exhibition by Anton Paar,  
Thermo Scientific and Pra-  
golab, and Malvern Instru-  
ments and Anamet.

(below from left to right):

Figure 4:  
Refreshment.

Figure 5:  
Poster section.

Figure 6:  
Jan Musil (left) receiving the  
plaque from chairmen Prof.  
Helmut Münstedt (right).

Figure 7:  
Prof. Manfred H. Wagner  
(left) and Prof. Helmut Mün-  
stedt (right) discussing after  
the lectures.



der Vikhansky from University of London/UK, Miguel Nobrega and Ana Vera Machado from University of Minho/Portugal, Frederik Desplentere from Katholieke Hogeschool Brugge – Oostende/Belgium, Milan Kralcik from Montanuniversitaet Leoben/Austria, Hossein Ali Khonakdar from Leibniz Institute of Polymer Research Dresden/Germany), the Czech Rheologists were represented by Prof. Martin Zatloukal, Vladimir Pavlinek, Jan Musil, Pavel Kubik, Pongprapat Piyamanocha, Petr Slobodian, Niladri Roy, Lenka Jelinkova, Shawqi Almajdalawi, Michal Sedlacik, Roman Kolarik, Wannes Sambaer from Tomas Bata University in Zlin, Prof. Ivan Machac from University of Pardubice (president of the Czech Society of Rheology), Petr Filip and Alexander Kharlamov from Institute of Hydrodynamics ASCR, Prof. Ondrej Wein from Institute of Chemical Process Fundamentals ASCR as well as industry (Jiri Vlcek, president of Compuplast International/Czech Republic), Torsten Remmler, Malvern Instruments/Germany, Dusan Kimmer, SPUR/Czech Republic, Bernd Jakob, Thermo Fisher Scientific/Germany, Ales Obr, SILON/Czech

Republic). We also would like to thank our sponsors (Anton Paar, CJTEK, Thermo Scientific, and Pragolab) for the financial support.

The conference has been hosted at the Tomas Bata University in Zlin, Czech Republic and the conference papers have been published by American Institute of Physics in the AIP Conference Proceedings (Volume 1375) with CD-ROM entitled as 'Novel Trends in Rheology IV' with 344 pages having the following ISSN: 0094-243X and ISBN: 978-0-7354-0935-4. The next meeting of this series (Novel Trends in Rheology V) will be organized during July 30 - 31, 2013 (<http://novel-trends5.ft.utb.cz/>) and specific attention will be paid to applied rheology and polymer processing.

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