



Czech Society of Rheology

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■ Novel Trends in Rheology

The Novel Trends in Rheology conference has been organized by the Polymer Centre, Tomas Bata University in Zlín in cooperation with the Czech Group of Rheology, which belongs to the Czech Chemical Society. The meeting has captured recent development in the areas of constitutive equations, rheological characterization of complex fluids, modeling of macromolecular substances flow, and non-Newtonian fluids dynamics. The conference has been hosted at the Polymer Centre laboratories, Faculty of Technology, Tomas Bata University in Zlín June 9-10, 2005. At this meeting, new developments in experimental rheometry were presented. In more detail, two new types of extensional rheometers [ML Sentmanat: *Rheol. Acta* 43, 657 (2004); LE Rodd, TP Scott, JJ Cooper-White, GH McKinley: *Appl. Rheology* 15, 12 (2005); GH McKinley, A Tripathi: *J. Rheol.* 44, 653 (2000)], a new method of measuring linear viscoelasticity up to 10kHz [L Kirschenmann, W Pechhold: *Rheol. Acta* 41,



Conference room



Poster session



Polymer Centre laboratories visit

362 (2002)] as well as a new rheometer equipped with ultra-low nano-torque control have been introduced. The conference proceedings have been published as the book entitled as “Novel Trends in Rheology” having the following ISBN: 80-7318-303-X. An announcement about the next rheological meeting (Novel Trends in Rheology II, 2007) will be given in the near future at the Polymer Centre Web Site: <http://www.ft.utb.cz/czech/cpm/index-eng.html>

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