

Novel Trends in Rheology IV (AIP Conference Proceedings / Materials Physics and Applications)



The conference was about novel trends in theoretical and experimental rheology especially for macromolecular substances - polymers. Specific attention has been paid to introduction and/or utilization of novel rheological tools/techniques, constitutive equations for polymer melts, non-Newtonian flow modeling, flow behavior understanding of polymers, nanocomposites, blends and hydrogels, polymer melt flow stability in extrusion and coextrusion, electrorheology, magnetorheology, electrospinning and polymeric nanofibers. The main aim of the conference was to demonstrate how rheology can be applied to understanding polymers and their processing.

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Vlasak, P. high density bulk materials. [17th International Conference on Transport and Sedimentation of applications. Melville: American Institute of Physics, 2014. Novel Trends in Rheology VI. AIP Conference Proceeding vol. 1662. **AIP Conference Proceedings / Materials Physics and Applications** Novel Trends in Rheology IV (AIP Conference Proceedings / Materials Physics and Applications) by Martin Zatloukal : Language - English. **9780735406896: Novel Trends in Rheology III: Proceedings of the** 4. W. Zhang, R. Blackburn, A. Dehghani-Sani, J. Mater. Sci. 42, (2007) in Novel Trends in Rheology VI-2015, AIP Conference Proceedings 1662, AIP Conference Proceedings 1349, (American Institute of Physics, Melville, NY, indices of small nonspherical particles: Application to black carbon particles, J. Aerosol Sci. **Faculty of Chemical and Energy Engineering (FKT) Research** (AIP Conference Proceedings / Materials Physics and Applications) 4. 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