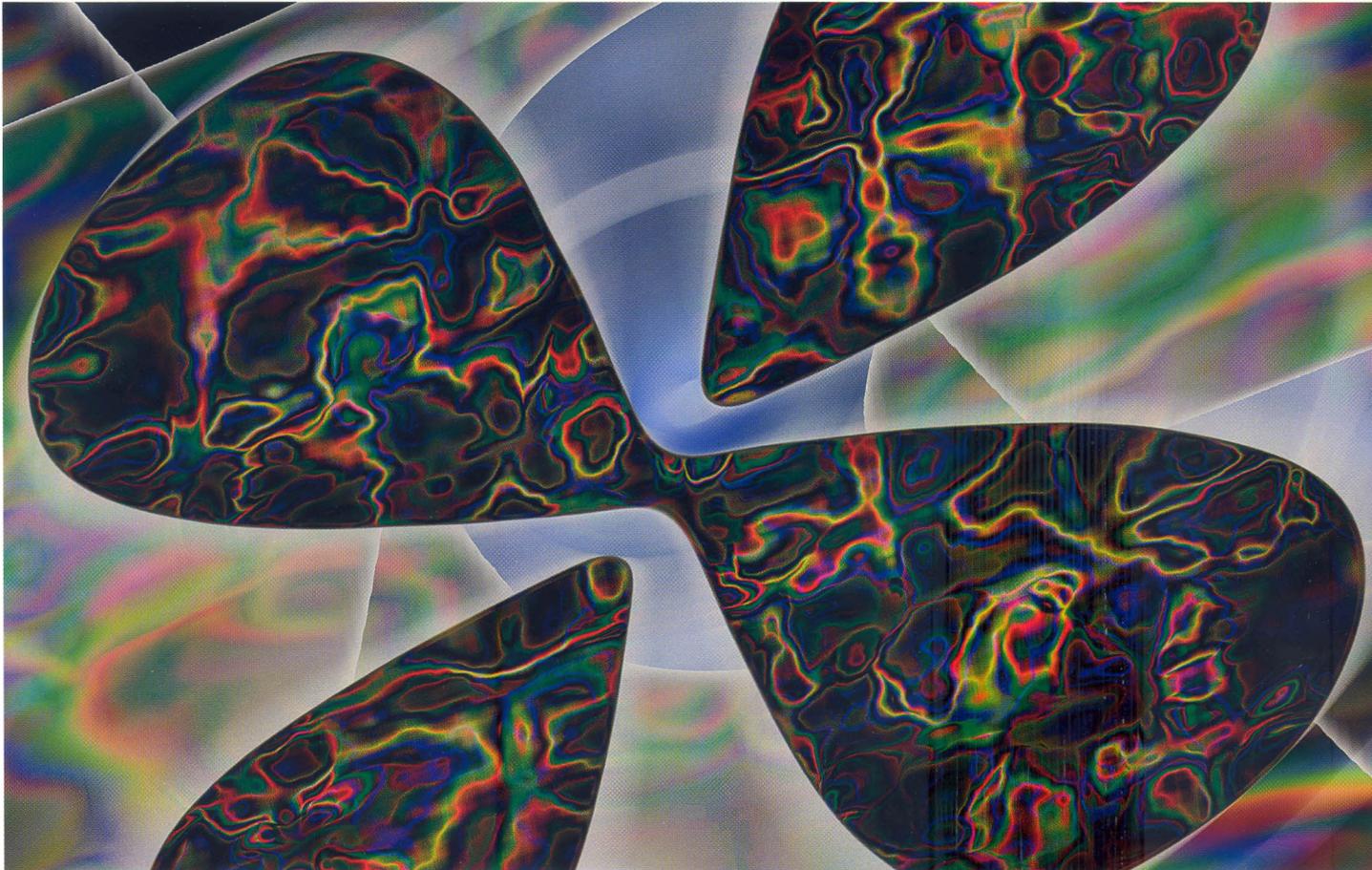


# Applied Rheology



**ON THE USE OF AN INTERNAL MIXER TO STUDY THE  
IMPREGNATION OF CARBON FILLERS BY ORGANIC LIQUIDS**

**GENERAL ASPECTS OF YIELD STRESS FLUIDS – TERMINOLOGY  
AND DEFINITION OF VISCOSITY**

**CHARACTERIZATION OF MATERIAL VISCOELASTICITY AT LARGE  
DEFORMATIONS**

**STRUCTURAL AND THERMOMECHANICAL INVESTIGATION OF  
LYOTROPIC LIQUID CRYSTAL PHASES DOPED WITH MONO-  
DISPERSE MICROPARTICLES**

***INCLUDING THE SOCIETIES' SITE  
MARCH TO AUGUST 2014***

**1**

Volume 24 | 2014

A COMPREHENSIVE JOURNAL FOR THE STUDY AND CHARACTERIZATION  
OF THE FLOW OF COMPLEX AND TECHNOLOGICALLY IMPORTANT MATERIALS

5 EDITORIAL

From Energy Storage to Liquid Crystalline Phase Transition with a Little Detour to Yielding  
*Peter Fischer and Martin Kröger*

6 EVENTS

Conferences & Workshops

7 NEWS

---

PAPERS

44 CONFERENCE REPORTS

Water in Soft Materials –  
ISOPOW XII Conference (2013)  
*Niklas Lorén, Anette Larsson, Lilia Ahrné, Anne-Marie Hermansson, Peter Lillford*

The 1<sup>st</sup> International RILEM Symposium on Rheology and Processing of Construction Materials  
*Nicolas Roussel, Hela Bessaies-Bey, Philippe Coussot*

Congress on Rheology Poznan 2013  
*Monika Dobrzyńska Mizera, Tomasz Sterzyński*

50 THE SOCIETIES' SITE

March to August 2014

55 BUYER'S GUIDE

---

PAPERS

---

**On the Use of an Internal Mixer to Study the Impregnation of Carbon Fillers by Organic Liquids**

*Meral Akkoyun, Christian Carrot, Benoît Blottière*  
DOI: 10.3933/ApplRheol-24-13487

---

**General Aspects of Yield Stress Fluids – Terminology and Definition of Viscosity**

*Martin Boisly, Markus Kästner, Jörg Brummund, Volker Ulbricht*  
DOI: 10.3933/ApplRheol-24-14578

---

**Characterization of Material Viscoelasticity at Large Deformations**

*Sergey Ilyin, Valery Kulichikhin, Alexander Malkin*  
DOI: 10.3933/ApplRheol-24-13653

---

**Structural and Thermomechanical Investigation of Lyotropic Liquid Crystal Phases Doped with Monodisperse Microparticles**

*A. Ponton, C. Meyer, G. Foyart, L. Aymard, K. Djellab*  
DOI: 10.3933/ApplRheol-24-14147

---

