

The Society's Site

Announcements of the Individual European

National Rheological Societies

Time period March 2007 to August 2007

The international bimonthly journal Applied Rheology offers all European rheological societies an extended platform for communication with their members and other rheologists.

Two special issues of Applied Rheology each year provide a number of pages dedicated to announcements from rheological societies. These may be a meeting announcement for the members of your society, an activity supported by your society, address changes, etc. In addition there will be also some space reserved for individual announcements. The motivation behind this offer is to collect the announcements that are usually transmitted to us by individual members of the national societies or conference organizers and then printed throughout the year in Applied Rheology.

Strict deadlines for providing information to be printed in these special issues are February 1st and August 1st, respectively. We are able to offer sending these special issues – which as usual contain scientific contributions, patents, conference calendar and conference reports, buyers guide, news – to all members of your community at a very reduced rate, or even without extra charge, depending on the current agreement between your society and Applied Rheology.

Editors of Applied Rheology

Rheological Societies or Groups and their Home Page (if existing):

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| Austrian Group of Rheology | Italian Society of Rheology www.sir-reologia.com/ |
| Belgian Group of Rheology www.cit.kuleuven.ac.be/cit/ltrk/bgr.html | Japanese Society of Rheology cmasuko2.yz.yamagata-u.ac.jp/SRJ/SRJ.html |
| British Society of Rheology http://innfm.swan.ac.uk/bsr | Nordic Rheology Society www.nordicrheologysociety.org |
| Bulgarian Society of Rheology | Polish Society of Engineering Rheology |
| Czech Group of Rheology | Portuguese Society of Rheology |
| Dutch Rheological Society www.mate.tue.nl/nrv | Romanian Society of Rheology |
| European Society of Rheology www.rheology-esr.org/ | Slovene Society of Rheology |
| French Group of Rheology www.univ-lemans.fr/sciences/wgfr | Society of Rheology (USA) www.rheology.org |
| German Society of Rheology www.drg.bam.de/ | Spanish Group of Rheology reologia.us.es/index.html |
| Hellenic Society of Rheology http://esperia.iesl.forth.gr/~hsr/HSR.html | Swiss Group of Rheology www.AR.ethz.ch/FR/ |
| Israel Society of Rheology | Vinogradov Society of Rheology www.ips.ac.ru/rheo |

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GFR

FRENCH GROUP OF RHEOLOGY

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■ Main activities of the French Group of Rheology July – Decembre 2006

41th Meeting of the French Group of Rheology, Cherbourg (France), October 18–20, 2006

The GFR annual conference (41th annual GFR meeting) has been held in Cherbourg 18-20 October 2006. The topic was "Suspension Rheology : environmental and industrial aspects" and Prof. Rachid MAKHLOUFI was coordinating the organization with the help of the "Fluid mechanics and rheology" group. The meeting gathered 150 participants and 8 exhibiting companies. The scientific program was divided into 5 sections : natural suspensions, granular materials, modeling and simulation, internal structures and industrial suspensions. 3 invited conferences, 35 oral presentations and 42 posters were presented. The first day was opened by the invited talk of Prof Ricardo Silva JACINTO (IFREMER Brest) on the rheology of muds as an introduction to the rheology of natural suspensions. The second day was dedicated to the rheology of granular media and simulations. It was introduced by an invited conference given by Dr. Philippe COUSSOT (LMSGC, Champs sur Marne) on the rheology of pastes and granula materials. The last day was opened by the invited talk of Dr. François LEQUEUX (ESPCI, Paris) dedicated to a comparison between the rheology of glassy systems and concentrated suspensions. This meeting encountered a large success with papers of a high scientific level. Many industrial materials such as natural suspensions (muds,...), industrial ones for instance in civil engineering involving concrete, bitumen, granular materials, ceramics, paints, as well as several cases of the food industry. The social program to which all the participants were invited to take part was a visit to the "Sea City", a museum dedicated to the adventure of the man under the sea and of the first french nuclear submarine "Le Redoutable". A wonderful banquet was given in an old boat station, dating from the 1930.

■ Awards

GFR Award 2006 – Maurice Couette Award

The GFR award, called the Maurice Couette Award was given during the banquet of the 41th meeting in Cherbourg to Dr. François LEQUEUX in recognition of his contributions to various fields of rheology, especially to what is commonly called rheophysics.

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François LEQUEUX graduated from the Ecole Normale Supérieure, before entering the CNRS in Strasbourg in the laboratory of complex fluids dynamics. He moved to the ESPCI in Paris in 1997 and is now the director of the laboratory of physical chemistry of polymers and dispersed media (UMR CNRS). François was at the origin and directed two national research groups "rheophysics" and "pastes and powder". He obtained the CNRS bronze medal in 1994 and the Louis Ancel award of the French Society of Physics in 2002.

François LEQUEUX was involved in several fields in which he brought significant contributions, like the isotropic-nematic transition under flow of giant micelles, the developpement of multiple light scattering techniques (DWS) and their application to suspensions and emulsions, the study of pasty materials, both on an experimental and theoretical point of view, their analogies with the aging of glasses, as well as the instabilities occuring during the drying of suspensions.

Thesis Award 2006

The thesis award committee decided this year to attribute two awards. One was given to Dr Enric Santanach CARRERAS who has currently a post-doctoral position at Harvard University. The PhD work was undertaken in the University of Grenoble in the "Laboratoire de rhéologie" under the supervision of Professor Jean-Michel PIAU and Dr. Nadia EL-KISSI and was dealing with the extrusion of ABA type block copolymers, investigating the influence of the structure of the copolymer and of the extrusion pressure.

The other was given to Dr. Guillaume VINAY who prepared his thesis under the supervision of Prof. Jean-François AGASSANT in CEMEF. The subject was the modelling of the start-up of flow in ducts of waxy crude oils, in collaboration with the IFP.

■ AGM of the GFR

The annual general meeting of the GFR took place during the Cherbourg meeting. The president of the GFR pointed out the main activities and mentionned namely the financial support attributed to young rheologists for the AERC meetings, the organization of the Young Rheologists meeting, the editorial activities of the GFR which are doing quite well with an increase of the papers submitted to "Rheologie", the international activities with a proposal submitted by the GFR to host the organization of 2012 ICR meeting in Grenoble. Philippe COUSSOT also thank the organizers of the Cherbourg's meeting and mentionned that the annual meetings now gather about 150 participants which are the basis of the rheological community in France which seems to appear at least comparable even not stronger than in other european countries. Philippe also announced the end of his presidency and thank all the members of the GFR board for their involment.

After the annual general meeting of the GFR, Dr. Nadia EL KISSI has been elected president of the GFR for the year 2006-2007. More information on the new board of the GFR and on our activities can be obtained from our internet site: <http://www.legfr.org>.

■ Upcoming activities:

42nd Meeting of the French Group of Rheology: October 10 – 12, 2007, Clermont Ferrand

The meeting will be organized in Clermont Ferrand. The topic will be "Rheology of evolving systems". It involves the behaviour of foams, dispersions, emulsions, gels. Such systems are commonly encountered in several industries (food, cosmetic, pharmacy, civil engineering, chemistry...). Changes in the systems can be very rapid (during processing for instance) or very slow (ageing processes). The meeting will focus on the use of rheology, in combination with various other techniques (such as spectroscopies) to understand the behavior of these systems from the macroscopic down to the microscopic level. Dr. Vincent Verney will be the chairman. Abstract must be submitted before March 31, 2007.

Additional informations can be found at:

<http://www.univ-bpclermont.fr/CONGRES/gfr42>

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