The Society’s Site

Announcements of the Individual European National Rheological Societies

Time period March 2004 to August 2004

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):

Austrian Group of Rheology
Belgian Group of Rheology
British Society of Rheology
Bulgarian Society of Rheology
Czech Group of Rheology
Dutch Rheological Society
European Society of Rheology
French Group of Rheology
German Society of Rheology
Hellenic Society of Rheology
Israel Society of Rheology
Italian Group of Rheology
Japanese Society of Rheology
Nordic Rheology Society
Polish Society of Engineering Rheology
Portuguese Society of Rheology
Romanian Society of Rheology
Slovene Society of Rheology
Society of Rheology (USA)
Spanish Group of Rheology
Swiss Group of Rheology
Vineogradov Society of Rheology

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Observers:

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Prof Yatchko Ivanov
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Prof Romano Lapasin
Poland
Edward Walicki
Portugal
Prof Antonio Diogo
Switzerland
Hans Christian Oettinger

Get the Rheological Societies online at
www.AR.ethz.ch
SUPERNET 2004: Multiscale Phenomena in Material Structure Formation

On May 9-16, 2004, the Euroconference on Experimental and Theoretical Investigation of Complex Polymer Structures (SUPERNET), organized by European Science Foundation (ESF) and the Center for Experimental Mechanics (CEM), will take place in Hotel Golf, Bled, Slovenia. The conference will close successful multidisciplinary ESF SUPERNET Program, aimed to combine the complementary expertise of leading European research groups in the experimental and theoretical study of polymer networks and block copolymers. The scope of the conference "SUPERNET 2004: Multiscale Phenomena in Material Structure Formation" is to overview the most relevant results of ESF SUPERNET Program and to discuss new approaches to polymer systems as multifunctional intelligent polymer devices for different applications (multifunctional polymer films, biocompatible surfaces, vehicles for drug delivery, intelligent materials for medical and structural applications). The unique combination of synthesis, characterization, theory and modeling allows a synergy for the elaboration and optimization of novel multi-responsive materials with fine-tuned properties and for their future application in industry. The conference consists of invited lectures and poster presentations.

Conference secretariat: Ms. Jana Jarm, CEM, Cesta na Brdo 49, SI-1125 Ljubljana, Slovenia, Phone: +386 1 4771 660, Fax: +386 1 4771 670, E-mail: supernet@fs.uni-lj.si

SEM X International Congress on Experimental & Applied Mechanics

SEM X International Congress on Experimental & Applied Mechanics, organized by the Society for Experimental Mechanics and cosponsored by several international societies, including the Slovenian Society for Experimental Mechanics (SSEM), will take place on June 7-10, 2004, Hilton Costa Mesa, Costa Mesa, California, USA. The congress, addressing future experimental mechanics challenges - with special focus on extreme environments, will cover several topics, organized as Tracks on MEMS and nanotechnology, Optical methodologies and metrolgies for microelectronics and photonics, Damage mechanics, Structural integrity and health monitoring, Experiments in bioengineering, Applications of optical methods, and Experimental and applied mechanics. A Session on Time Dependent Materials, entitled "Time Dependency of the Solidification Process of Polymer melts", organized within Experimental and Applied Mechanics Track, is aimed to narrow the gap between the rheology of solids and liquids. For further information please browse the web page: http://www.sem.org.

Contact persons for a Session on Time Dependent Materials: Prof. Igor Emri and Dr. Urska Florjancic, CEM (E-mails: igor.emri@fs.uni-lj.si, urska.florjancic@fs.uni-lj.si), Dr. João Maia, University of Minho (E-mail: jmaia@dep.uminho.pt)

9th International Workshop on Advances in Experimental Mechanics (gIWAEM)

The Center for Experimental Mechanics (CEM) annually organizes a workshop on Advances in Experimental Mechanics in cooperation with Aoyama Gakuin University, Japan (Prof. M. Takashi), and Lehigh University, USA (Prof. A. Voloshin). gIWAEM will take place on August 10-16, 2004, in Hotel Golf, Bled, Slovenia. The workshop will cover several topics, such as: Atomic scale observations and analysis, Biomechanics, Composite materials, Fatigue and Fracture mechanics, Hybrid concepts and methods, Impact phenomena, measurements and analysis, Micro-mechanical testing, Multi-scale phenomena in nano- and self-organized materials, Non-destructive testing and non-destructive inspections, Optical methods, Thermal techniques, Time-dependent behavior, Transducers, sensors and digital data processing.

For any further information please contact: Prof. Igor Emri, CEM (E-mail: igor.emri@fs.uni-lj.si)
The 12th International Conference on Experimental Mechanics (ICEM12)
The 12th International Conference on Experimental Mechanics, organized as a Quadriennal Conference of EURASEM, European Association for Experimental Mechanics, under the patronage of several international societies, including the Slovenian Society for Experimental Mechanics (SSEM), will take place in Politecnico di Bari, Bari, Italy from August 29 to September 2, 2004. Experimental mechanics continues to be a very lively discipline and right now it is undergoing big changes and expansion; and new methodologies to observe events at the atomic scale are in the developmental process. Several sessions will be organized, covering wide range of different topics. “Time Dependent Materials” Session aims to gather scientists and engineers who deal with materials that have time-dependent or intrinsically deformation-rate sensitive mechanical properties. Contributions concerned with fundamental issues relating to processing and melt-to-solid transition behavior are welcome, as are contributions addressing time-dependent failure and fracture phenomena. Particularly welcome are contributions addressing multi-scale phenomena in stress-induced structure formation. For any further information please browse the web page: http://www.icem12.poliba.it.
Contact persons for a Session on Time Dependent Materials: Prof. Igor Emri and Dr. Urska Florjancic, CEM (E-mails: igor.emri@fs.uni-lj.si, urska.florjancic@fs.uni-lj.si)

National Technological Network “Intelligent Polymer Materials and Corresponding Technologies”
The national technological network “Intelligent Polymer Materials and Corresponding Technologies”, approved by the Government of the Republic of Slovenia in 2003, is aimed to implement the basic knowledge on polymeric materials and polymer processing technologies into industrial environment in order to open new possibilities for the development of new cutting-edge high-tech products in Slovenia. The network, in which The Center for Experimental Mechanics (CEM) acts as a carrier of basic knowledge on polymeric materials and corresponding technologies, is going to operate through 5 Regional Centers of Knowledge, the Virtual Institute, and the Competence Center, which will act as a link that interconnects the science based approach with the applied research and product development approach of the polymer industry. The first Regional Center of Knowledge, operating in Murska Sobota (north-eastern part of Slovenia), is going to be established in February 2004. The technological network will also promote intense exchange of knowledge on international level.

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DEUTSCHE RHEOLOGISCHE GESSELLSCHAFT
GERMAN SOCIETY OF RHEOLOGY

- Workshop “Rheology of Disperse Systems”, Berlin (Germany), April 22-23, 2004
  The next meeting of the German Society of Rheology (DRG) will be held as a workshop on “Rheology of Disperse Systems” in Berlin (Germany) from April 22 to 23, 2004. Prof. Dr. H. Münstedt, University of Erlangen-Nürnberg and Dr. N. Willenbacher, BASF Ludwigshafen, have set up a program with 12 invited speakers from university and industry who will give an introduction to rheological properties of disperse systems ranging from theoretical to practical aspects, from polymer blends, filled polymers, and nanocomposites to emulsions and suspensions. Developments relevant for the plastics and coatings industry as well as to the food and cosmetics industry will be presented and discussed. The meeting is hosted by the Federal Institute for Materials Research and Testing (BAM) in Berlin and will be organized by Prof. Dr. W. Mielke and his team. More information can be found on the conference website at the following address:
  http://www.drg.bam.de/drg_inhalt/03_tagungskalender.htm

- Young Rheologists Award of the German Society of Rheology announced for 2003/2004!
  In order to encourage junior scientists working in the field of rheology in Germany, in 1998 the German Society of Rheology (DRG) established a biannual award, the Young Rheologists Award (Rheologie-Preis der DRG). The winners in recent years were:
  1999  • Dr. Claus Gabriel, Universität Erlangen – Nürnberg
  • Dr. Dieter Maier, Universität Freiburg
  2001  • Dr. Michael Schmidt, Universität Erlangen – Nürnberg
  2003  • Dr. Heike Bastian, Universität Stuttgart
  • Dr. Patrick Ilg, ETH Zürich
  For the period 2003/2004 the award is announced by the committee of the DRG and shall honour an outstanding thesis in the field of rheology. For further details see:
  http://www.drg.bam.de/drg_inhalt/04a_rheologiepreis.htm

Note added by Werner Mielke, January 29, 2004
Annual Meeting of the Polymer Group Switzerland/ Rheology Group

The annual meeting of the Polymer Group Switzerland/ Rheology Group took place in collaboration with Rheology and Colloid Science Group Basel on November 11, 2003 at 14:00 in Basel. Five oral presentations were delivered:

- **Ulrich A. Handge**: Interplay of rheology and morphology in melt elongation and subsequent recovery of PS/PMMA blends
- **Véronique Trappe**: Scaling in the rheology of low density jammed states
- **Marco Dressler**: Thermodynamic Modeling of Polymer Blends and Emulsions with Droplet Morphology
- **David Megias-Alguacil**: Droplet deformation under simple shear flow: Influence of surfactant present at the interface
- **Alan Parker**: Texture profiling with the vane

About 25 persons participated the annual meeting 2003. The next meeting will be held in November 2004 at the Nestlé Research Center in Vers-Chez-les-Blanc/Lausanne. The exact date and subject will be communicated soon.

Chief officers of the PGS/FR in 2004

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The 13th Nordic Rheology Society Conference

With special sessions on suspensions, emulsions, fresh concrete

Iceland
4 - 6 August 2004
at Grand Hotel Reykjavik

General Information
The 13th Nordic Rheology Society Conference will take place in Reykjavik, Iceland from the afternoon of August 4th to August 6th, at the Grand Hotel Reykjavik. The 13th annual business meeting of the Nordic Rheology Society will also be held during the conference.

Scope and theme
The Nordic Rheology Society cordially invites all those interested in rheology to the 13th annual conference and conference. The conference aims to focus on all aspects of rheology and this year, special focus will be placed on "Turbulence in Rheological Flows". The conference is aimed at bringing together scientists working in the field of rheology from both academia and industry.

The goal is to draw a large gathering of people interested in the scientific and the technological developments in this field. Topics within the main themes will be covered by keynote lectures by specially invited speakers. The following renowned scientists have agreed to contribute to the meeting with their lecture on their special area of competence:

- Prof. Jan Rasmussen, University of Aarhus, Denmark
- Prof. Paul Gidley, University of Edinburgh, Scotland, UK
- Prof. Richard Newby, University of Leeds, UK
- Dr. Jack Fiddian, University of Manchester, UK
- Dr. Mats Stalio, Stockholm University, Sweden

Rheology Courses
Prior to the conference, a rheology course will be held at the 4th of August. This course is open to all interested in the rheological subject. Invited lecturers are:

- Prof. Jan Rasmussen, University of Aarhus, Denmark
- Prof. Paul Gidley, University of Edinburgh, Scotland, UK
- Prof. Richard Newby, University of Leeds, UK
- Dr. Jack Fiddian, University of Manchester, UK
- Dr. Mats Stalio, Stockholm University, Sweden

Transactions of the NRS
Preprints in all areas of rheology are welcomed, both as posters and oral presentations. Preprints should be sent to the Conference Secretary at NRS, c/o Dr. Søren S. Hansen, University of Aarhus, Odense, Denmark.

Students are encouraged to submit their work in the Annual Transactions of the Nordic Rheology Society. Volume 12.

Student Travel Grants
Students are encouraged to apply for the NRS Student Travel Grant for € 175. Please send a single page application detailing your type of study, b</p>
Workshop in Concrete Rheology

A workshop on the theme "Rheology of Fresh Concrete" will be held in August 2004. This will be an opportunity for researchers to present and discuss their work. The workshop is intended to be a forum for scientists currently working on rheology and to inform researchers from other disciplines about recent developments.

Part I: Experimental error in viscometric measurements

Part II: Physical aspects of rheological behavior of cement-based material

Exhibition

A technical exhibition will be held during the symposium. The exhibition area is in the lobby of the main conference hall. The total area of the exhibition is 1,000 m². The event includes a demonstration of the conference and the conference lunch for two persons. Further information and registration of equipment, see www.mtu.fi/bi/irr/prn/r/irr2004/irr2004reg.htm. For further information, please contact Dr. Mikkola Suominen at 00358 (0)20 680 5751, simo.mikkola@mtu.fi.

About NRS

The Nordic Rheology Society is a non-profit organization, which engages people interested in rheology in the Nordic countries. The Society offers a broad spectrum of services for its members, including Newsletters and annual Nordic Rheology Meetings. The Society also promotes the exchange of experiences, co-operation, and access to special equipment.

Social events

The NRS 2004 will be inaugurated on Tuesday evening, 17 August, at a conference dinner. The conference banquet is scheduled to be held in a Viking tradition on Thursday night. Lunch is included in the cost of the conference. Further information and registration details are available at www.mtu.fi/bi/irr/prn/r/irr2004/irr2004reg.htm.
The 4th International Meeting of the Hellenic Society of Rheology (HSR 2004) will take place in Athens, June 27-29, 2004. The Meeting is open to all scientists and engineers conducting research or interested in the fields of rheology and fluid mechanics. The official language of the meeting will be English. The program will consist of 2 plenary lectures and oral contributions. The plenary lectures will be delivered by Prof. K. Valanis (Endochronics/U. Portland) and Prof. A. Beris (U. Delaware). For more information visit the HSR webpage:

http://esperia.iesl.forth.gr/~hsr/HSR.html

from where you can download the Meeting brochure, or contact the co-chairs of the Local Organizing Committee:

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39th Meeting of the French Group of Rheology, Mulhouse (France)
October 13-15, 2004
Rheology and Interface
Many processes involve questions dealing with rheology together with wetting or adhesion. The objective of the meeting is to encourage and to develop exchanges and collaborations between academic scientists and centers of industrial studies around:
• the rheology of materials such as polymer in solution or gels, emulsions, suspensions, polymer melts
• processes like printing, coating, injection
where interfacial questions like wetting, adhesion, thin films, liquid-liquid interfaces are relevant. Systems can be considered from various angles: theory (physical as well as numerical), experiments (including additional techniques to rheometry)

Deadline schedule
Abstract submission: March 31, 2004
Acceptance notification: May 28, 2004
Manuscript submission: September 1, 2004
Registration: September 10, 2004

conference website: http://www.ensitm.fr/gfr2004
additional inquiries can be obtained through gfr2004@uha.fr

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