

The Society's Site

Announcements of the Individual European

National Rheological Societies

Time period March to August 2013

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	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 www.innfm.swan.ac.uk/bsr	Nordic Rheology Society www.nordicrheologysociety.org
Bulgarian Society of Rheology	Polish Society of Engineering Rheology
Chinese Society of Rheology www.rheology.org.cn/	Portuguese Society of Rheology
Czech Group of Rheology	Romanian Society of Rheology www.reologie.ro
Dutch Rheological Society www.mate.tue.nl/nrv	Slovene Society of Rheology
European Society of Rheology www.rheology-esr.org/	Society of Rheology (USA) www.rheology.org
French Group of Rheology http://www.legfr.fr/	South African Society of Rheology www.sasor.co.za
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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<http://www.appliedrheology.org>

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International Committee on Rheology

(ICR)

■ XVIth International Congress on Rheology (ICR 2012)

The XVIth International Congress on Rheology in 2012 was organized jointly by the Slovenian Society of Rheology (SSR), the Spanish Group of Rheology (GER) and the Portuguese Society of Rheology (SPR). The Congress convenes every four years and brings together the world's leading rheologists to present the latest advances and developments in this field. The 2012 Congress took place in the Belém Cultural Center, a modern Conference and Arts Center located in Lisbon, Portugal from August 5 to August 10. The Congress had eighteen symposia covering all the aspects of Rheology: Non-Newtonian Fluid Mechanics, Constitutive and Computational Modeling, Advanced Experimental Methods, Materials Processing, Interfacial Rheology, Micro-rheology & Microfluidics, Colloids and Suspensions, Emulsions and Foams, Biopolymers, Biofluids and Foods, Polymer Solutions, Melts and Blends, Associative Polymers, Surfactants and Liquid Crystals, Solids and Granular Materials, Industrial Rheology, Complex Flows, General Rheology, Professor Ken Walters Commemorative Symposium, Rheology of Bio-Pharmaceutical Systems, and Rheology of Nano- and Natural Composites. In addition, two short courses were held on the weekend before the Congress, August 3–4, 2012: Colloidal Suspension Rheology and Synergy of Rheological Data Analysis and Modeling. For more information please visit: <http://www.rheology-esr.net/ICR2012/>



Portuguese Society of Rheology and Spanish Rheology Group (SPR and GER)

■ Iberian award for the most distinguished Ph.D. Thesis in Rheology

An Iberian award will be given to the most distinguished PhD Thesis in Rheology, each two years, by the Portuguese Society of Rheology (SPR) and the Spanish Rheology Group (GER/RSEF and RSEQ), that will guarantee the provision of funds for the prize. The delivery of the award will take place during the Iberian Meeting on Rheology, Ibero. Instructions for the 2013 award:

- The candidates must be members of SPR or GER at the moment of the application
- The award Adjudicating Committee will be appointed by the SPR and the GER
- The final decision of the Adjudicating Committee will be taken at Ibero after a 10 minutes presentation of the previously selected candidates
- The award will consist on 500 Euros and a Diploma and can be shared by no more than two candidates.

The candidates who had successfully defended a Doctoral Thesis in any area of rheology after 1st June 2011 and before 1st June 2013 and want to apply for the award should send a pdf version of the thesis, as well as a pdf containing CV and papers derived from the Thesis by 15 June 2013 to:

Antonio Guerrero (Secretario del GER), aguerrero@us.es
Dto. Ingeniería Química, Facultad de Química Universidad de Sevilla
or

Maria Teresa Cidade (Presidente da SPR), mtc@fct.unl.pt
Departamento de Ciência dos Materiais, Faculdade de Ciências e Tecnologia da UNL

The candidates for the 10 minutes presentation at the IBEREO Málaga Conference will be selected and informed about before 15 July 2013.

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European Society on Rheology

(ESR)



■ Weissenberg Award 2013

The ESR Weissenberg Award Committee has decided to bestow the Weissenberg Award 2013 to Professor Michael E. Cates. The award will be delivered on April 3, 2013 on occasion of AERC2013 at Leuven (Belgium). In the following please find a short scientific biography of Michael Cates.

Michael Cates studied physics at Cambridge University. After graduating with First Class Honors (1982), he pursued and completed his Ph.D. studies (1985) at Cavendish Laboratory working with Prof. Sir Sam Edwards. After two highly successful postdoctoral stays in US (Exxon and ITP), he returned to Cambridge in 1988 as Trinity College Teaching Fellow and University Lecturer. In 1995 he was appointed to Chair of Natural Philosophy at the School of Physics, University of Edinburgh. Since 2007 he holds a Royal Society Professorship.

His key role in making the Edinburgh group a world-leading center in soft matter physics and rheology is well-known. His ever lasting impact on rheology is well-known to and appreciated by our community. There is no rheologist who does not know the name Cates and has not come across at least some of his papers. He has published over 280 papers, 14,000 citations, an impressive h index of 65, over 120 invited talks, several named lectures, an array of students and postdocs pursuing successful careers. In addition, he is very frequent lecturer (and a very excellent one) in various short courses. He is a very active member of our community as well as the broader soft matter community, serving or having served in several organizations, committees and journals and having organized/co-organized meetings. His pioneering work has already been recognized, most recently by the Institute of Physics (Dirac Medal and Prize, 2009) the Society of Rheology (best paper award for Journal of Rheology, 2010), the British Society of Rheology (Gold Medal, 2009) and the Royal Society (FRS, 2007).

Mike is known for his landmark contributions in several key areas of rheology. They include the linear and nonlinear rheology of surfactants (key idea being the reversible chain scission) and dense colloidal suspensions (for example the occurrence of shear banding). His ideas of soft glassy rheology based on the trap model and the development, with colleagues, of first-principles constitutive equations based on mode coupling theory have set the stage for an unprecedented activity (experiments, simulations and theory) in the rich field of colloidal glasses and gels. In addition, Mike has made seminal contributions in many other areas of great scientific and technological significance such as polymer brushes, shear-induced transitions, theory of gelation, associating polymers, granular media, conformation of ring polymers, comparison of arrested states (glasses and gels), viscoelasticity of smectic phases, rheo-chaos, jammed particles at interfaces ("bijels") and emulsions stability, crystallization of colloidal glasses, and more recently the mechanics of living colloids (bacteria). In each of these areas Mike's contributions shape in large the field. Consider for example the rheology and mechanics of active fluids. This area of research was virtually non-existent in rheology community until very recently. Mike masterfully brought together elements of rheology, statistical mechanics and biological physics of these systems, while at the same time he made strong links with experimentalists and challenged them for new evidence. As a result, he has been and remains the dominant force behind a fast emerging exciting new area in our science.



Michael E. Cates

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