



Hellenic Society of Rheology (HSR)

HSR Newsletter

September 28, 2004

President

G. Georgiou

University of Cyprus
Dept. of Mathematics & Statistics
P.O. Box 20537
1678 Nicosia, Cyprus
Tel: +357-22892612
Fax: +357-22892601
E-mail: georgios@ucy.ac.cy

Vice President

V.G. Mavrantzas

FORTH-ICE/HT
P.O. Box 1414
26500 Patras, Greece
Tel: +30-610-965214
Fax: +30-610-993255
E-mail: vlasis@iceht.forth.gr

Secretary

A.N. Alexandrou

Dept. of Mechanical and
Manufacturing Eng.
P.O. Box 20537
1678 Nicosia, Cyprus
Tel: +357-22892256
Fax: +357-22892254
E-mail: andalex@ucv.ac.cy

Past-President

J. Tsamopoulos

Univ. of Patras, Chem. Eng.
FORTH-ICE/HT
26500 Patras, Greece
Tel.: +30-610-997203
Fax: +30-610-993255
E-mail: tsamo@chemeng.upatras.gr

Member-at-Large

A. Beris

University of Delaware
Dept. of Chemical Engineering
University of Delaware
Newark, Delaware 19716, USA
Tel.: +302-831-8018
Fax: +302-831-1048
Email: beris@che.udel.edu

Member-at-Large

A. Gotsis

Polymer Materials and Engineering
Delft University of Technology
Julianalaan 136
2628 BL Delft, The Netherlands
Tel.: +31-15-2784360
Fax: +31-15-2787415
Email: A.D.Gotsis@tmw.tudelft.nl

Contents

1. Introduction
2. HSR 04
3. AERC 2005 and AERC 2006
4. 6th Meeting of the HSR – New Executive Committee
5. HSR Membership

1. Introduction

The outgoing Executive Committee took office two years ago right after the 6th European Conference on Rheology which was held in Erlangen, Germany, in September of 2002. The Hellenic Society of Rheology had already undertaken important activities and had organized three very successful International Meetings, the first one in Cyprus, organized by **G. Georgiou**, the second one in Crete, organized by **Prof. D. Vlassopoulos**, and the third one in Patras, organized by Profs. **J. Tsamopoulos** and **V. Mavrantzas**, and dedicated to **Professor Andreas Acrivos**. Moreover, the HSR is a member of the European Society of Rheology (ESR) and is represented in the International Commission on Rheology (ICR). Two years ago HSR had about 45 active members in Greece and abroad.

Now that our term comes to a close, it would be useful to remember the most important events and activities of HSR over the last two years.

2. HSR 04

According to its constitution, HSR had decided to have its fourth International Meeting in Athens. The HSR 2004 meeting, organized by Profs. **Evan Mitsoulis** (Chair) and **Andreas Boudouvis** (Co-Chair) took place in Athens (Hotel Armonia, Vouliagmeni), Greece from Sunday, 27 June to Tuesday, 29 June 2004.

The Conference was attended by 68 delegates from 13 countries, thus making it a truly international event. It included 2 plenary lectures. These were given by **Prof. Kirk Valanis** of University of Portland and Endochronics Inc (*Endochronic Plasticity*) and by **Prof. Antony Beris**, University of Delaware, USA (*Recent advances in DNS of turbulent viscoelastic channel flows: Understanding polymer-induced drag reduction*).

The scientific papers were presented under 6 major themes:

- rheology and rheometry
- structure and dynamics of polymers
- colloids and suspensions
- molecular modelling
- numerical simulations
- experimental, theoretical & computational fluid dynamics

A total number of 50 papers were divided into two categories: 33 oral and 17 posters. The [report](#) of the Conference Chair (E. Mitsoulis) is posted in our web site. *The Programme, the Abstracts and some photos from the Meeting can also be found in the HSR website.*

3. AERC 2005 and AERC 2006

The decision on the locations of AERC 2005 and AERC 2006 was one of the topics in the agenda of the 5th ESR Committee Meeting. This was organized in conjunction with the 1st Annual European Rheology Conference (AERC 2003) that took place on September 12, 2003, in Guimaraes, Portugal. Present were the officers of the ESR (including Prof. Dimitris Vlassopoulos) and delegates of the European Rheology Groups (including the HSR president, G. Georgiou).

Within the deadline set by the ESR Committee, expressions of interest were received from Nadia El Kissi (AERC 2005, Grenoble), and from Georgios Georgiou (AERC 2006, Crete). The ESR Executive Council had endorsed both expressions of interest and had encouraged preparation of a formal application.

Nadia El Kissi presented the application for AERC 2005, Grenoble, which was accepted unanimously. The conference will take place in April 21-23, 2005.

Dimitris Vlassopoulos presented the application for AERC 2006, Crete, which was accepted unanimously. The conference will take place in the last weekend of April 2006 in Chersonissos (Creta Maris Hotel).

4. 6th MEETING OF THE HSR – New Executive Committee

The 6th meeting of the HSR took place in Athens, during HSR 04 (Hotel Harmonia, Athens, June 28, 2004). Sixteen members of the HSR were present: Alexandrou, Anastasiades, Beris, Bitsanis, Georgiou, Gotsis, Hatzikiriakos, Mavratzas, Mitsoulis, Nychas, Pelekasis, Tsamopoulos, Tsenoglou, Tsitsilianis, Vlachopoulos and Vlassopoulos.

As we have done in the past in such meetings, we had a general discussion about the activities of HSR in the past 2 years, discussed ways to improve things in the future, and made suggestions for the next executive committee of HSR. Following our past decision to have to have a mix of old and new people while keeping the general rotation of the people involved, the proposed Executive Committee is:

President:	Vlasis Mavratzas	(University of Patras)
Vice President:	Andreas Alexandrou	(University of Cyprus)
Secretary-Treasurer:	Alexandros Gotsis	(Delft University of Technology)
Past President:	Georgios Georgiou	(University of Cyprus)
Members at large:	Savvas Hatzikiriakos	(University of British Columbia)
	Constantinos Tsitsilianis	(University of Patras)

The complete [minutes](#) from the HSR meeting are posted on the HSR website and members are invited to approve (or not) the new Executive Committee. According to the HSR Constitution, the new Executive Committee will serve for two years (9.2004-8.2006).

Other important decisions taken in the 6th HSR Meeting are the following:

- (a) Prof. D. Vlassopoulos will continue representing the HSR in both the European Society of Rheology (ESR) and the International Commission on Rheology (ICR).
- (b) The 5th HSR Conference won't take place in 2006 due the fact that the HSR will organize AERC 2006 in Crete. This will presumably take place in Thessaloniki in 2008 (Chair: Prof. Stavros Nychas). The final decision will be taken in the 7th HSR Meeting.
- (c) The 7th HSR Meeting will take place in Hersonissos, Crete during AERC 2006 (April, 2006).

5. MEMBERSHIP

We all know that HSR is a small Society compared to many others, its membership currently being just over 45 people. In order to accomplish its missions, one of which is to organize international Meetings of the highest quality, we should try to approach more fellow Greek rheologists and fluid mechanicians. Several members volunteer to help in this direction and their efforts are highly appreciated. Of course, these efforts should be continuous in order to keep the HSR as strong as possible.

On behalf of the other members of the outgoing Executive committee, let me thank you for your continuing support and assistance in many ways and wish to those that will continue our efforts every success.

Sincerely,

Georgios Georgiou