

## IBERIAN MEETING ON RHEOLOGY – RHEOLOGY TRENDS: FROM NANO TO MACRO SYSTEMS (IBEREO 2011)

CAPARICA, PORTUGAL  
SEPTEMBER 7–9, 2011

Figure 1:  
Group photo (taken in  
Pousada de Palmela).



Following the two previous and successful Iberian Meetings (Beja 2004 and Madrid 2008), the 3<sup>rd</sup> Iberian Meeting on Rheology, IBEREO 2011, held in Cenimat/Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa, Caparica, Portugal, from 7 to 9 of September 2011, was organized with the auspices of the Portuguese Society of Rheology (SPR) and the Spanish Rheology Group (GER). This 3<sup>rd</sup> Iberian Meeting will, hopefully, be the first on a regular biannual basis.

Iberio 2011 counted with 88 participants most of them from Portugal and Spain, but also from other countries all over the world (France, UK, Denmark, Germany, USA, Venezuela, Brazil, Kuwait, Turkey). 77 communications were presented, from which 27 were selected by the scientific committee as oral presentations. The scientific program also included 3 invited lectures, given by Doctor Patrick Navard from the Centre de Mise en Forme des Matériaux (Mines Paris Tech., Sophia Antipolis, France) on “Rheology and processing on biomass-based polymers”, Prof. Suzanne Fielding from University of Durham (Durham, UK) on “Shear banding flow” and Eng. David Garrec (in substitution of Prof. Ian Norton) from the School of Chemical Engineering (University of Birmingham, UK) on “Controlling food products/human interactions”. An intense exchange of information on recent advances in both theoretical and applied aspects of rheology

was promoted along 10 oral presentation sessions and 2 poster sessions, covering the following topics: Biopolymers and Biomaterials, Fluid Mechanics and Numerical Simulation, Food, Cosmetics and Pharmaceutical Products, Multiphase Systems and Composites, Polymers and Liquid Crystals and Rheometry and Experimental Methods. The majority of contributions were collected in the book “Rheology Trends: from Nano to Macro Systems”, published by the Portuguese Society of Rheology (SPR). Iberio 2011 counted also with an exhibition of rheological testing equipment from the most important manufacturers of rheometers: TA Instruments, Malvern, Anton Paar, Thermo Scientific.

The conference preliminaries began on 6<sup>th</sup> of September with a short Advanced Rheology Course on LAOS and Interfacial Rheology, given by Dr. C. Gracia (TA Instrument) and a Welcome Cocktail held in Hotel Costa da Caparica and gently offered by EPL (Europhysics Letters). The actual conference started in the morning on the 7<sup>th</sup> of September with the first invited keynote speaker, Patrick Navard, followed by oral sessions. In the evening, the first poster session included a brief oral description of each poster in the lecture room. The end of this first day concluded with a “Port of Honour” gently offered by Câmara Municipal of Almada in a lovely place, the Capuchos Monastery.

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The second day of this Meeting was opened by the second keynote lecture, given by Suzanne Fielding, and continued with oral sessions. After lunch, the Annual Meeting of the Spanish Rheology Group (GER) was celebrated with the participation of an increasing number of delegates. In the afternoon, delegates enjoyed the Conference Tour which started with a visit to Cristo Rei (Almada), where astonishing views of Lisbon and river Tagus (Tejo) could be seen, followed by a trip along the Peninsula of Setúbal, starting with a visit to Caves José Maria da Fonseca where the participants could taste two different wines, followed by the crossing of Arrábida Mountains, that offered fantastic views of the Atlantic Ocean, sheer cliffs, nice beaches and Peninsula of Troia. The tour ended in Pousada de Palmela where the Conference Dinner took place in a very friendly atmosphere.

The third day was opened again by a keynote lecture, given by David Garrec, followed by oral sessions. After lunch the second poster session, which also included a short oral presentation of the posters in the lecture room, ended the regu-

lar programme. In the Closing Ceremony, the new "Iberian Award for the most distinguished PhD Thesis in Rheology" was announced together with the next Iberian Meeting on Rheology, hopefully to be held in Málaga (Spain) in 2013. In this closing ceremony the presidents of SPR and GER encouraged all delegates to participate in the XVI<sup>th</sup> International Congress on Rheology to be held in Lisbon next year. Finally, the Annual Meeting of the Portuguese Society of Rheology (SPR) was celebrated after the Closing Ceremony.

Ibereo 2011 was sponsored by public and private companies, and we take the opportunity to acknowledge the contribution of: Portuguese Foundation for Science and Technology, Faculty of Sciences and Technology/New University of Lisbon (FCT/UNL), Câmara Municipal de Almada, EPL (Europhysics Letters), Paralab (Malvern representative in Portugal), TA Instruments, Dias de Sousa (Thermo Scientific representative in Portugal), MT Brandão (Paar Physica representative in Portugal).

*Teresa Cidade, Isabel Sousa, José M. Franco*

Figure 2 (left above): The Welcome cocktail (The chairperson, Teresa Cidade, and one of the invited speakers, Patrick Navard, and his wife).

Figure 3 (right above): Iberian award to Patrícia Sousa from the Faculty of Engineering, University of Oporto, Portugal.

Figure 4 (below): General view of the lecture room.

