

Foreign Invited Speakers:

K. Rajagopal (Texas A&M University, USA),
D. Bonn (Université Paris VI, France),
M. Denn (City University of New York, USA),
G. Mompean (Université de Lille, France)

Interest areas:

Non-Newtonian Fluid Mechanics
Rheology of Polymeric Systems
Rheology on Oil Industry
Rheology on Food and Cosmetic Industry
Advances in Constitutive Equations
Viscoelastic Materials
Viscoplastic Materials
Progress on Rheometry
Colloids, Suspensions and Emulsions
Biomaterials and Biological Fluids
Flow in Porous Media
Computational Rheology

Important Dates:

April 25	Extended Abstract Submission
May 16	Acceptance Notification

Contacts:

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Prof. José Karam F.
LNCC, National Laboratory for Scientific Computing
Av. Getulio Vargas, 333
25651-075, Petrópolis, RJ, Brazil
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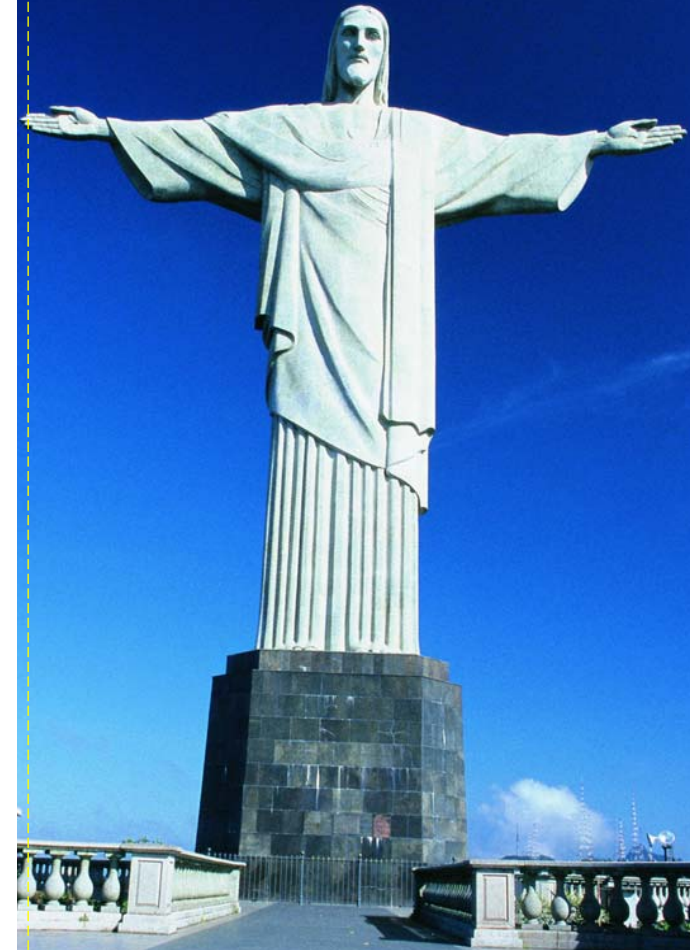
Home-page:

<http://www.reologiabrazil.lncc.br/conference/>

Realization:



IV BRAZILIAN CONFERENCE ON RHEOLOGY



July 2-4, 2008

Windsor Miramar Hotel
Rio de Janeiro – Brazil



Conference History

Aiming at gathering researchers, students and Engineers working on Non-Newtonian fluids in Brazil, the I Brazilian Conference on Rheology took place in 2001 at the LNCC, Petrópolis, RJ. This workshop had about 30 participants, from distinct Institutions, including Prof. Ken Walters (University of Wales, UK). During this workshop a Brazilian Committee on Rheology and Non-Newtonian Fluids was founded, sponsored by the Brazilian Society of Mechanical Engineering.

The II BCR occurred on July 2004, at Rio de Janeiro, sponsored by PUC-Rio, being attended by 150 researchers and 40 papers were selected for oral presentation. The conference had 10 invited speakers – namely: Prof. Paulo de Souza Mendes (PUC-Rio, Brazil); Prof. Rosário E. S. Bretas (USP-São Carlos, Brazil) Prof. Murilo Thomé (USP-São Carlos, Brazil), Dr. Geraldo Spinelli Ribeiro (Petrobras, Brazil), Prof. Gerald Fuller (University of Stanford, USA), Prof. Jay Schieber (Illinois Institute of Technology, USA), Prof. David James (University of Toronto, Canada), Prof. Tim Phillips (University of Aberystwyth, UK), Prof. Chérif Nouar (E.M.T.A., CNRS/UHP/INPL, France) and Prof. Marie-Claude Heuzey (École Polytechnique de Montreal, Canada). Besides the support from Brazilian Agency CNPq, some Brazilian companies presented a Rheology equipment exposition.

The III BCR happened on July 2006, at Rio, sponsored by PUC-Rio. This Conference report was published in Applied Rheology, from German Rheology Society, vol. 16, No. 6, pp. 342 (2007). The invited speakers were: Prof. Ian Frigaard (University of British Columbia, Canada), Prof. Pierre Carreau (École Polytechnique de Montreal, Canada), Prof. Andy Rao (University of Cornell, USA) and Prof. Márcio da Silveira Carvalho (PUC-Rio, Brazil).

Organizing Committee:

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José Karam F. - LNCC/MCT
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Roney Leon Thompson – UFF
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Sérgio Frey - UFRGS
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Venue

Due to its numerous facets, Rio is the Brazilian tourism capital. The wonderful city, located in the Southeast Region of Brazil, with 6 million inhabitants, in an area of 1,2255.3 km², coastal line with 246.22 km² and green area of 325.6 km², is the mosaic of enchantments scattered between the sea and the mountain.

Tourist Attractions

Rio's post card is the symbol of Brazil. Corcovado, with the Christ Redeemer is one of the new 7 Wonders of the Modern World in an international contest. And there is also the Sugar-Loaf Hill, a pleasurable trip that reveals the entire city. The emblematic tourism points are numerous, but it is important to mention the Maracanã Stadium, largest temple of the five-time champion Brazilian soccer and Passarela do samba [Samba Catwalk], where the samba-schools parade, which also participate in the largest event of the city, carnival..

Other Tourist Attractions

- São João Fortress
- Copacabana Beach
- Ipanema Beach
- Botanical Gardens
- Corcovado Train
- Modern Art Museum
- Contemporary Art Museum
- Tijuca Forest
- São Bento Monastery