

3rd International Workshop on

Complex Physical Phenomena in Materials

Pontifícia Universidade Católica do Rio de Janeiro, Brazil, February 18-21, 2014

The scope of the workshop:

Scientific tutorials, talks and posters on flow and dynamics of soft and complex multi-component fluids, such as drops, emulsions and nano-fluids, including in laboratory or natural microfluidic environments. The relation between macroscopic flow patterns and underlying structures at smaller scales will be in focus. The topics are in particular relevant for energy and environment related applications such as natural fluid flow, oil-recovery, pharmaceutical designs, processing of stronger and lighter materials, film coatings etc.



Invited speakers:

Vladimir Alvarado (Univ. Wyoming, USA)
Wilson Barros (UFPE-Recife, Brazil)
Daniel Bonn (Univ. Amsterdam, Netherlands)
Heloisa Bordallo (Univ. Copenhagen, Denmark)
Oliver Chao (Exploratory Unit, Sanofi R&D)
Paul Dommersnes (Univ. Paris 7, France)
Antonio Figueiredo (Univ. Sao Paulo, Brazil)
Azarmidokht Gholamipour-Shirazi (PUC-Rio de Janeiro, Brazil)
Irep Gozen (Harvard Univ. USA)
Kenneth D. Knudsen (Inst. for Energy Tech., Norway)
Reidar Lund (Univ. Oslo, Norway)
Yves Meheust (Univ. Rennes 1, France)
Paulo R. de Souza Mendes (PUC-Rio de Janeiro, Brazil))
Pavlo Mikheenko (Univ. Oslo, Norway)
Wilson Ortiz (UFScar – SP, Brazil)
Zbigniew Rozynek (Polish Acad. Sciences, Warsaw, Poland)
Arne T. Skjeltorp (Inst. for Energy Tech., Norway)
Patrick Tabeling (ESPCI-ParisTech, France)



Organizers:

Marcio Carvalho (PUC-Rio de Janeiro, Brazil)
Jon Otto Fossum (NTNU-Trondheim, Norway)

Practical information to participants:

The 4 day workshop will take place at Pontifícia Universidade Católica do Rio de Janeiro, Rua Marquês de São Vicente 225, Rio de Janeiro, Brazil, February 18-21, 2013.

For further information about the workshop, and for submission of contributions, contact **Marcio Carvalho** (masc@puc-rio.br) or **Jon Otto Fossum** (jon.fossum@ntnu.no). Registration deadline for submission of contributed poster abstracts is February 1, 2014. Submission should include title + coauthors/affiliations + 1/2 page abstract.