



International Mini-Workshop on

Complex Drops and Emulsions

Pontifícia Universidade Católica do Rio de Janeiro, Brazil, July 12, 2013

Room 106, Cardeal Leme Building, PUC-Rio

Program

- 9:15 – 9:30 Opening Remarks
Jon Otto Fossum and Marcio Carvalho
- 9:30 – 10:15 Destabilisation of Concentrated Pickering Emulsions
Catherine Whitby
Ian Wark Research Institute, University of South Australia, Australia
- 10:15 – 10:45 Coffee Break
- 10:45 – 11:30 Emulsions and microcapsules stabilised by montmorillonite platelets
Yannan Cui and Jeroen S. van Duijneveldt
School of Chemistry, University of Bristol, UK
- 11:30 – 12:15 Active structuring of colloidal microbeads on liquid drops (and new approach to fabricating patchy shells)
Zbigniew Rozynek, P. Dommersnes, A. Mikkelsen, R. Castberg and Jon Otto Fossum
Department of Physics, Norwegian University of Science and Technology, *Norway*
- 12:15 – 13:45 Lunch
- 13:45 – 14:30 The flow of an aqueous foam through a two-dimensional porous medium
S. A. Jones, B. Dollet, Y. Méheust, S. J. Cox and I. Cantat
Géosciences, Université Rennes 1, Rennes, France
- 14:30 – 15:15 Flow of emulsion through porous media
V. R. Guillen, M. Romero, R. Ponce, V. Alvarado, M. S. Carvalho
Department of Mechanical Engineering, PUC-Rio, Brazil
- 15:15 – 15:45 Coffee Break
- 15:45 – 16:30 Interfacial rheology of crude oil-water interface at low ionic strength
Mehrnoosh Moradi, Paulo Hoyer e Vladimir Alvarado
Department of Petroleum and Chemical Engineering, University of Wyoming, USA
- 16:30 – 17:15 Micro-gravure printing: Liquid transfer from cells and grooves.
Diego Campana, M. S. Carvalho
INTEC (Argentina) and Department of Mechanical Engineering, PUC-Rio, Brazil.
- 17:30 – ... Happy Hour.