

FFN/FNS Workshop announcement:

Flow assurance and liquid-liquid separation in oil recovery processes

Museum d'Histoire Naturelle de Toulouse, November 8-9 2012.

Preliminary programme

Day 1: Thursday 8th of November

8h30- *Welcome*

9h00- *Introductory speech (O. Masbernat/ J-K. Sveen)*

- *Session I- Drop coalescence and stability of emulsions*

9h15-10h00 *Invited lecture* Emulsion stability and Interface elasticity, D. Langevin (LPS, Univ. Paris Sud)

10h00-10h30 Interfacial properties of asphaltenes and effect on coalescence, V. Pauchard (SINTEF, Trondheim)

10h40-11h00 *Coffee break*

11h00-11h30 Electro-coalescence, E. Bjørklund (WÄRTSILÄ, Finland)

11h40-12h10

12h30- *Lunch*

-*Session II- Modelling of oil transport and continuous separation*

14h00-14h30 Interfacial flow in a continuous settler, A. Line/P. Guiraud (LISBP, Univ. Toulouse)

14h40-15h10 Separation in a hydrocyclone, E. Climent/F. Bourgeois (IMFT/LGC, Univ. Toulouse)

15h20-15h50 Modelling of liquid-liquid separators, K. Bech (STATOIL, Porsgrunn)

16h00-16h30 Prediction of high viscosity two-phase flows with LedaFlow, J. Kjølaas (SINTEF, Trondheim)

16h40- *End of session*

18h00- *Visit and Vin d'honneur*

20h30- *Dinner*

Day 2: Friday Nov. 9th

9h00 *Welcome*

-*Session III- Rheology of complex interfaces and emulsions*

9h15-10h00: Invited lecture Interfacial rheology of complex interfaces, Jan Vermont (Univ. Leuven)

10h00-10h30 Interfacial dynamics and fragmentation in complex flows, F. Risso (IMFT, Univ. Toulouse)

10h30-11h00 *Coffee break*

11h00-11h30 Experimental study and modelling of vertical liquid liquid separation ~~Rheology of emulsions/complex fluids~~, T. Palermo (TOTAL, Pau, France)

11h30-12h00 Pipe flow of a concentrated emulsion, O. Masbernat (LGC, Univ. Toulouse)

12h30 *Lunch*

14h30-16h30 *Visit of IMFT labs*

End of Workshop