

Workshop at the LLB “structure of disordered systems” opening celebration of the new 7C2 spectrometer

Topics:

Simple liquid (atomic, molecular and metallic)

Liquids (polymeric, ionic, mixtures and solutions)

Liquids under extreme conditions (high pressure, confinement, levitation, electric field, stress..)

Glasses for applications (oxides, chalcogenides,....)

With a willingness to address all current methods of measurement and data analysis (numerical simulations, X-ray, NMR, EXAFS, IR ..., potential to ESS)

To enter on the Saclay site, you have to register. For that, please send an email with your institute, name, surname, nationality, date and place of birth to catherine.doira@cea.fr before September 9th.

Contact : Brigitte.Beuneu@cea.fr

<http://www-llb.cea.fr>



Program of the workshop

Monday September 16

12:30-14h00

Welcome at LLB, coffee buffet,

14:30-15:15

7C2 Historical Review by Marie Claire Bellissent-Funel .

The new 7C2 neutron diffractometer by Brigitte Beuneu .

15:15-16:15 **Glasses for Geosciences**
Laurent Cormier, Jean Marie Delaye.

16:15-16:45 coffee break

16:45-18:15 **Chalcogenides and Oxide Glasses**

Jean Pierre Gaspard, Vanessa Coulet, Gabriele Cuello.

19:15 departure for the dinner

Tuesday September 17

9:30-11:00 **Molecular and atomic liquids**

Lazslo Pusztai, Miguel Gonzalez, Renato Magli.

11:00-11:15 coffee break

11:30-13:00 **polymeric liquids**

Marie Caroline Genix, Jan Swenson, Hélène Montès (tbc).

13:00-14:00 lunch at the canteen and coffee at the LLB

visit of 7C2

14:30- 16:00 **complex Liquids**

Michaella Brunelli, Patrick Judeinstein, Aleksander Matic.

16:00-16:30 coffee break

16:30-18:00 **Mixtures and solutions**
Marc Descamps, Daniel Bowron, Pierre-Arnaud Artola

18:00 discussion on the **data treatment**
L Pusztai, D Bowron, G. Cuello.

19 :15 departure for dinner

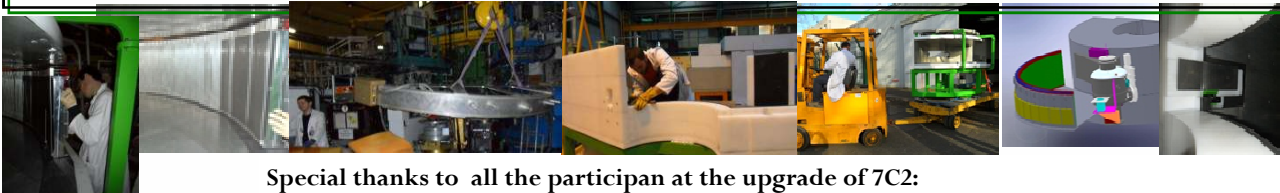
Wednesday September 18

9:30-11:00 **Liquids Under Constraint**
Louis Hennet, Phil Salmon, Livia Bove.

11:00-11:30 coffee break

11:30- 13:00 **Liquids Under Constraint** (continued)

Denis Morineau, Elmar Fuchs, Daniel Neuville.



Special thanks to all the participants at the upgrade of 7C2:

Brigitte Beuneu, Jacques Darpentigny, Josselin Dupont, Benoît Homatter, André Gabriel, Pascal Lavie

And also to: J.-P. Ambroise, A. Goukassov, A. Menelle, S. Rodrigues, S. Gautrot, J.-L. Meuriot, T. Robillard, F. Legendre, B. Annighofer, G. Koskas at LLB, Karl Zeitelhack (FRMII), N. Rhodes (ISIS), E. Suard (ILL), ... and several users

