



CEA - Saclay 91191 Gif-sur-yvette Cedex  
Service de Physique de l'Etat Condensé - UMR 3680

## SÉMINAIRE

Mercredi 14 Janvier 2015 à 11h15

Orme des Merisiers SPEC, Salle Itzykson, Bât.774

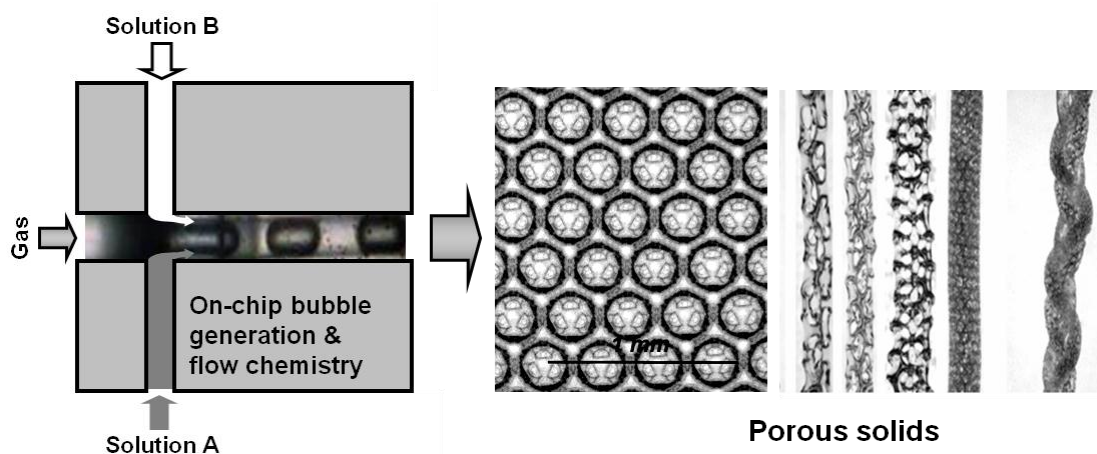
**W. Drenckhan**

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### **And if all bubbles were equal? Science and applications of monodisperse foams**

Sticking bubbles of equal volume together provides a simple system with complex properties which raise a number of fundamental scientific questions. Into what kind of structures do the bubbles organise and why? How do these arrangements deform under gravity? And how can we generate them?

In bridging historic aspects of this subject with ongoing research, the presentation attempts to provide some answers to these questions. Moreover, it will show how this understanding can be combined with micro/milli-fluidic flow chemistry to develop porous solids with intriguing properties.



A coffee break will be served at 11h00. The seminar will be given in English.