

INVITED SPEAKERS

Uwe Keiderling (Germany)
Klaus Huber (Germany)
Philipp Bender (Germany)
Sebastian Mühlbauer (Germany)
Thomas Sottmann (Germany)
Marité Cárdenas (Denmark)
Timothy P. Lodge (United States)
Lutz Willner (Germany)
Minoru Nakano (Japan)
Martin Hollamby (United Kingdom)
Fabienne Testard (France)

INTERNATIONAL ADVISORY BOARD

Peter Fischer (Switzerland)
Andrei Pethukov (The Netherlands)
Christian Pfeleiderer (Germany)
Christian Pfrang (United Kingdom)
Dieter Richter (Germany)
Olivier Spalla (France)
Thomas Sottmann (D) (Co-chair)

LOCAL ORGANIZING COMMITTEE

Richard Campbell
Isabelle Grillo
Lionel Porcar
Ralf Schweins
Albrecht Wiedenmann (Chair)

CALL FOR ABSTRACTS

Contributions to be presented as oral or poster are requested. Please use the template at our website

<http://www.ill.eu/fr/infos-evenements/events/skin-2014/>

IMPORTANT DATES

Abstract deadline	January 28, 2014
Notification of acceptance	February 7, 2014
Registration dead line	February 21, 2014
Opening Session	March 24, 2014
Conference dinner	March 26, 2014

LOCATION

The workshop will be held at the Institute Laue-Langevin, Grenoble, France.

Registration and welcome reception will be in the Foyer ILL4. Oral sessions will take place in the Chadwick amphitheatre of ILL4. Participants need to be registered and must present an ID card at the common entrance of ILL-ESRF-EMBL.

WORKSHOP FEES

Normal participants:	250 €
Students:	175 €

Lunches, coffee breaks, conference dinner (venue to be confirmed) and book of abstracts are included in the registration fees.

PAYMENT INSTRUCTIONS

Preferably by bank transfer to the following account:

Banque Rhône Alpes Grenoble Vaucanson
IBAN (International Bank Account Number):
FR76 1046 8024 8928 4981 0020 017
Code BIC (Bank Identifier Code):RALPFR2G
Use reference "**workshop 22012 DW 176**"

ACCOMMODATION

A small number of rooms are available at the ILL guesthouse on site.

You can also use the Tourism Office website to book your room:

<http://www.grenoble-isere-tourisme.com/>
Accommodation fees have to be paid directly at the hotel or guesthouse
Please contact K. Sultan for your individual hotel reservation, if necessary.

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Studying Kinetics with Neutrons

CONTACT

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SECRETARY

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CONTACT

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Third International Workshop SKIN2014

Studying Kinetics with Neutrons (SANS and Reflectometry)

24-27 March 2014, Grenoble

SCOPE

The study of kinetic processes is a growing field in modern science extending from physics via chemistry to biology. Neutrons are known to be extremely versatile probes for the investigation of structure and dynamics in condensed matter. The advent of new high intensity neutron sources and instruments, as well as the development of new real-time techniques, allows for the tracking of transformation processes in condensed matter on a microscopic scale. The evolution of structural details can be studied by time-resolved neutron scattering over a broad range of times. For example, new stroboscopic methods such as TISANE allow dynamic processes to be studied on a time scale extended to microseconds. The scope of this third SKIN symposium is to bring together scientists from different fields of physics, chemistry, biology, materials and geo-sciences with neutron experts. The meeting will be focussed on results, new applications and future prospects for time-resolved neutron Small Angle Neutron Scattering and Neutron Reflectometry. It is an important aspect of the meeting to see what other experimental techniques achieve in this field and where theoreticians see future challenges.

PROGRAMME

The scientific programme will consist of invited lectures as well as oral and poster contributions on the following topics:

- Real-time small-angle scattering from soft and hard matter
- Response to periodic perturbation (stress, temperature, pressure, fields)
- Field induced ordering and relaxation in magnetic and ferroelectric systems
- Dynamics in Flux lines lattices
- Mobility in colloidal systems, macromolecules, micelles
- Kinetics of chemical reactions, phase transitions and growth processes
- Prospects of time-resolved reflectometry: surface and interface reactions, electro-chemical processes, Polymer wetting, diffusion processes
- Present and future instrumentation on SANS and Reflectivity for dynamical studies in the time range from seconds to microseconds (Single-shot Kinetics, stroboscopic techniques, TISANE , MIEZE, Larmor encoding)
- Special sample environments for kinetic and dynamic investigations
- Complementary techniques probing dynamics and kinetic processes