

We cordially invite you to participate to the school "How to assess the structure of glasses" that will be held in **Grenoble - EPN campus** from **November 18 to November 22, 2019**.

The school will be oriented to doctorate students and early career scientists from both academia and industrial world.

It is focused on the experimental techniques used to determine the structure of glass.

Particular attention will be devoted to methods typical of large scale facilities like X-ray and neutron scattering, X-ray absorption spectroscopy or photon correlation spectroscopy.

Laboratory techniques like raman spectroscopy, IR absorption or nuclear magnetic resonance will be presented as well.

Theoretical lectures will be followed by "hands on" practicals on data analysis.

We look forward to welcoming you at the EPN campus on Sunday November 17, 2019.



UNIVERSITÀ
ITALO
FRANCESE

UNIVERSITÉ
FRANCO
ITALIENNE



First circular How to assess the structure of glasses ?

CNRS thematic school about
glass structure

71 Avenue des Martyrs - Grenoble
FRANCE

www.epn-campus.eu/
<https://structureverre.sciencesconf.org/>

Contact: structureverre@sciencesconf.org
Photos: Stef Candé et Pierre Jayet

TOPICS



- X-ray scattering
- X-ray absorption spectroscopy
- Neutron scattering
- X-ray emission spectroscopy
- X-ray imaging
- X-ray photoemission spectroscopy
- Raman scattering
- X-ray photon correlation spectroscopy
- Infra-red spectroscopy
- Nuclear magnetic resonance
- Ab-initio structural modeling
- Access to large scale facilities

LECTURES



Lectures will be held in the **Chadwick amphi at ILL**.

Morning lectures will be dedicated to theory, afternoon lectures will consist in **“hands on” sessions** on data collection and analysis.

Students are invited to bring a laptop computer for the practical lectures.



SCIENTIFIC COMMITTEE

L. Hennet (CNRS Orleans)
D. Neuville (IPGP Paris)
M. Foret, A. Pradel (Univ. Montpellier)
F. d’Acapito (CNR-ESRF Grenoble).



LOCAL ORGANIZING COMMITTEE

F. d’Acapito & F. la Manna (CNR-ESRF Grenoble)
Y. Chushkin, E. Jahn-Feppon & S. Schreiber (ESRF Grenoble)
G. Lelong (IMPMC Paris).



REGISTRATION

Registration start Apr 1st 2019
Registration end Sept 15th 2019
Venue Nov 17th 2019



FEES

Regular	350.00€
Student	100.00€
Industrial	1000.00€

All fees include:

- Admission to lectures and practicals
- Coffee breaks
- Welcome reception
- Social dinner



LOCATION

The students will be hosted in the guesthouse of the EPN campus, **71 Av. des Martyrs Grenoble**.

The campus is easily reached from the train/bus station or city via the “B” tram.