

Disordered Materials in Synchrotron and XFEL X-ray light.

IX. Research Course on New X-Ray Sciences
February 17-19, 2010 at DESY Hamburg



- > **Structure and Dynamics of Liquids and Glasses**
- > **Challenges in Disordered Materials**
- > **New Theoretical Developments**
- > **Coherent X-ray Scattering**
- > **Surfaces of Disordered Materials**
- > **Disorder in Soft Materials**
- > **New X-ray Sources for Disordered Systems**

Free-electron laser for short wavelength radiation and the latest generation of storage rings for the generation of hard X-ray synchrotron radiation are new light sources providing extremely high brilliance radiation. These novel sources allow for new experimental techniques, therefore enabling new scientific results. The DESY course shall provide basic knowledge about new directions of X-ray research and address Diploma (Master), PhD student and young research fellows. Detailed information about the program and how to apply can be found on the web. The 9th course is dedicated to the structure and dynamics of disordered materials using the properties of highly brilliant X-ray sources. Modern experimental techniques and scientific applications will be discussed.

The number of participants is limited. Applications for this course should be made no later than **January 22, 2010**.

Speakers:

L. Cipelletti (University Montpellier), H. Franz (DESY), D.K. Saldin (University Wisconsin), A. Nilsson (Stanford), P. Wochner (MPI Stuttgart), O. Shpyrko (UC San Diego), G. Monaco (ESRF), G. Ruocco (University Rome), J. Roth (University Stuttgart), R. Röhlsberger (DESY), H. Sinn (European-XFEL)

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Accelerators | Photon Science | Particle Physics

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