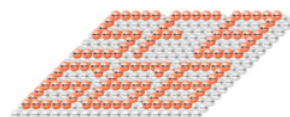


XRMS 2008

X-Ray Spectroscopy of Magnetic Solids

January 23 – 24, 2008



Universität Hamburg

DESY (Hamburg)

Scope

The XRMS workshop series brings together leading scientists in the field of x-ray spectroscopy of magnetic solids. Its aim is to facilitate a stimulating forum for presentation of new results and ideas and to discuss future perspectives, particularly in view of the new facilities FLASH, PETRA III and the XFEL.

Venue

The workshop takes place at the **Deutsches Elektronen Synchrotron (DESY)**, Hamburg, Germany. The XRMS2008 workshop precedes the HASYLAB users meeting.

Topics

- Time-resolved magnetization dynamics in nanostructures
- Magnetic correlations and their dynamics
- Resonant x-ray reflectivity, diffraction and scattering
- X-ray imaging of magnetic materials
- Nuclear resonant scattering using synchrotron radiation
- Experimental and theoretical aspects of XMCD spectroscopy
- Orbital ordering in perovskites, multiferroic and related materials
- Angle-resolved and spin-polarized photoemission

Call for Abstracts

The program consists of invited and contributed talks as well as posters. Abstracts for contributions to the workshop should be sent until **Dec. 15, 2007** to **xrms2008@desy.de**, following the template posted on the website **<http://hasylab.desy.de>** → **XRMS2008**

Invited speakers

Y. Acremann	SSRL Stanford	Spin torque magnetization reversal
J. Chakalian	University of Arkansas	Orbital reconstruction at oxide interfaces
H. Dürr	BESSY	fs-manipulation of angular momentum transfer
E. D. Isaacs	Argonne National Lab	Slow dynamics using coherent x-rays
G. Meier	University of Hamburg	X-ray microscopy of vortex motion
H. Ohldag	SSRL Stanford	X-rays and magnetism – A perfect match
C. M. Schneider	FZ Jülich	Magnetism at interfaces
Ch. Schüßler-Langeheine	Univ. Köln	Resonant diffraction from transition metal oxides
S. K. Sinha	UC San Diego	Magnetic films and nanostructures
T. Slezak	University of Krakow	Spin structures during reorientation transitions
J. Strempfer	DESY	Magnetic and orbital order in ruthenates

Workshop organisation

Wilfried Wurth, University of Hamburg

Ralf Röhlsberger, DESY Hamburg

Christine Berber (secretary), DESY Hamburg

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