

12th

PSI Summer School 2013



PAUL SCHERRER INSTITUT

Materials – structure and magnetism

Lectures: August 17–23, 2013
Lyceum Alpinum Zuoz, Switzerland



Information: www.psi.ch/summerschool
Contact: zuoz2013@psi.ch
Deadlines: Grant application: April 30, 2013
Registration: June 30, 2013

Selection of invited speakers

External experts: Leon Balents, University of California, Santa Barbara, USA; Bertram Batlogg, ETH Zürich, Switzerland; Andrew Boothroyd, University of Oxford, UK; Colin Carlile, ESS Scandinavia, Lund, Sweden; Pietro Gambardella, ICN Spain; Tomas Jungwirth, Academy of Sciences of the Czech Republic; Hans Henning Klauss, TU Dresden, Germany; Ole Krogh Andersen, Max Planck Institut für Festkörperforschung, Stuttgart, Germany; Bella Lake, Helmholtz-Zentrum Berlin, Germany; Dennis Meier, Berkeley, USA; Sebastian Mühlbauer, TU München, Germany; Jürg Osterwalder, Universität Zürich, Switzerland; Thom Palstra, University of Groningen, The Netherlands

PSI experts: Alex Amato, Denis Cheptiakov, Hugo Dil, Elvezio Morenzoni, Bruce Patterson, Thorsten Schmitt, Urs Staub, Carlos Vaz, Jonathan White, Phil Willmott

Scope

The PSI summer school 2013 is dedicated to some of the main topics addressed at large scale user facilities such as neutron and muon sources or synchrotron photon sources: Materials structure and magnetism. International experts and PSI staff members will introduce and deepen your knowledge not only about these scientific topics but also about the main methods applied to understand the phenomena, which are presently at the forefront of modern solid state physics and chemistry.

Following the school a practical training is offered at PSI. It will allow a limited number of participants to get hands-on experience with state-of-the-art instrumentation using photons, neutrons, and muons.



Practical Training: SINQ, SμS, SLS
August 24–26, 2013
Paul Scherrer Institut, Villigen, Switzerland