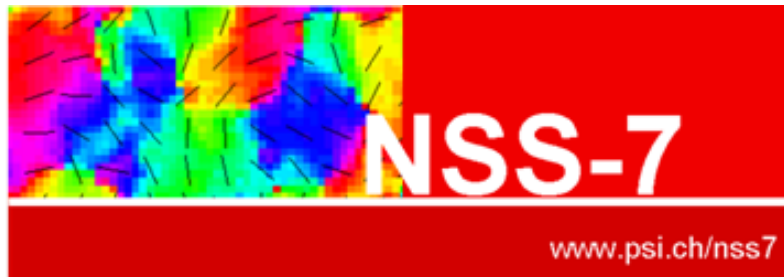


7th International Workshop on Nano-scale Spectroscopy and Nanotechnology



Monday, July 2, 2012 - Friday, July 6, 2012

ETH Zurich and PSI

Scientific Program

The workshop will have plenary sessions with invited and contributed papers presented orally, as well as a poster session. A conference dinner and an excursion to PSI will be organized around the workshop. Below you find a coarse classification of the workshop topics, this will be refined with the abstract subjects submitted.

NEW: Schedule (28. June 2012)

Book of abstracts (28. June 2012)

Invited speakers

P.A. Pianetta

X-Ray spectroscopy on nano- materials
SLAC Stanford

M. Despont

M(N)EM Switch Technologies for RF and Logic Applications
IBM Rüschtikon

Ch. McNeill

Characterising nanostructured polymer devices with soft x-rays
Monash University

T. Jung

Electronic and Spin States in Metal-Organic Supramolecular Materials at Surfaces: Spectro
Microscopy Correlation Experiments
Paul Scherrer Institut

O. Hellwig

Nano-technology and Nano-spectroscopy for magnetic recording media
Hitachi Global Storage Technologies, San Jose Research Center

L. Nasi

Transmission electron microscopy study of nanostructured semiconductors
Inst. for Materials in Electronics and Magnetism

V. Sandoghdar

Optical sensing and spectroscopy down to the single-molecule level
Max-Planck Inst. for the Physics of Light, Erlangen

A. Schirmeisen

Understanding friction on the nanoscale
University Giessen

H. Shigekawa

Imaging of transient carrier dynamics by nanoscale pump-probe microscopy
University Tsukuba

J. Verbeeck

Electron microscopy on magnetic nanostructures
University Antwerp

J. Wiebe

Tailoring ground states and dynamics of bottom-up engineered nanomagnets
University Hamburg

F. Donati

Giant Anisotropies of single Co atoms on graphene/Pt(111)
EPFL

Topics

Nano-Tools

- Electrons
- Visible light
- X-Rays
- Scanning Probe
- Fabrication

Nano-Materials

- Semiconductors
- Molecules
- Polymers and organic electronics
- Magnetism
- Nano-dots