

Tuesday, 19.6.2012 at PSI

Speakers:

Christoph Hauri (PSI/EPFL), Jan Lüning (Paris), and Peter Oppeneer (Uppsala)

The study of ultrafast magnetization dynamics is a fascinating and fast moving area of research. This tutorial day is directed at PhD students and Postdocs who started or want to start to work in this field. The aim is to provide some basic knowledge about modern ultrafast magnetization dynamics theory and advanced experiments using for example X-ray free electron lasers or terahertz radiation.

Tentative Program

Room: WSLA 008 (inside the SLS)

<http://www.psi.ch/how-to-find-us>

9:00	Coffee
9:30 - 10:30	Mechanisms of ultrafast laser-induced demagnetization in metals (Peter Oppeneer)
10:30 - 11:00	Questions/Discussion
11:00 - 11:45	Generation of THz radiation for magnetization dynamics studies (Christoph Hauri)
11:45 - 13:00	Lunch
13:00 - 14:30	Magnetization dynamics in the light of femtosecond pulsed x-ray sources (Jan Lüning)
14:30 - 15:00	Questions/Discussion
15:00 - 15:30	Coffee break
15:30 - 16:30	Discussion and tour of facilities

Organization: Frithjof Nolting; within the Marie Curie training network FANTOMAS (N 214810)

For registration send an email to frithjof.nolting@psi.ch

There is no fee for this tutorial.