PAUL SCHERRER INSTITUT

PSI

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MARVEL

NATIONAL CENTRE OF COMPETENCE IN RESEARCH

Second Workshop on

Ultrafast Dynamics in Strongly Correlated Systems

10 – 12 October, 2016, Paul Scherrer Institute, Villigen, Switzerland

Scope

Experiments and theory on ultrafast dynamics in strongly correlated systems have been rapidly advancing over the last few years. The optical creation and manipulation of out-of-equilibrium states of matter have become a new, versatile tool, opening new doors to explore the potential of strongly correlated materials and posing new challenges for their theoretical description. This workshop brings together different research groups working on problems related to the dynamics of correlated electron systems.
Subjects covered include charge density wave dynamics, metal-insulator transitions and Mott-Hubbard systems, ultrafast processes in magnets, out-of-equilibirum superconductivity, periodically driven systems, phenomena involving photo-doping, and XFEL science.

Invited speakers

Stefano Bonetti (Stockholm University)
Michele Fabrizio (SISSA Trieste)
Claudio Giannetti (Università Cattolica del Sacro Cuore, Brescia)
Masatoshi Imada (University of Tokyo)
Sumio Ishihara (Tohoku University)
Alfred Leitenstorfer (Universität Konstanz)
Johan Mentink (Radboud University Nijmegen)
Dragan Mihailovic (University of Ljubljana)
Lex Kemper (North Carolina State University)
Z. X. Shen (Stanford University)

Paul Klee
Schwankendes Gleichgewicht, 1922, 159
Aquarell und Bleistift auf Papier auf Karton
31,4 x 15,7/15,2 cm
Zentrum Paul Klee, Bern

Organizers

Martin Eckstein, Steven Johnson
Markus Müller, Urs Staub
Philipp Werner

Deadlines

Abstracts: August 12, 2016
Registration: September 23, 2016

http://indico.psi.ch/event/udscs2016

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