

WOKSHOP

Electron and spin dynamics in correlated systems II

Monday, November 6, 2017

Maison Internationale de la Recherche

Université de Cergy-Pontoise, site de Neuville

9h50-10h00	Karol Hricovini Uni Cergy-Pontoise	Welcome
10h50-10h10	Christine Richter Uni Cergy-Pontoise	Recent developments at LPMS
10h10-10h30	Mats Leandersson MAX IV	The Bloch beamline at MAX IV, a new beamline for spin and angle resolved photoelectron spectroscopy
10h30-10h50	Milan Radovic SLS, PSI, Viligen	Synchrotron light exposes buried physical phenomena: Manipulation of Low dimensional electronic system at Titanates
10h50-11h10	Antonio Tejada Université Paris Sud	Band structure and electron dynamics of $\text{CH}_3\text{NH}_3\text{PbI}_3$ hybrid organic-inorganic perovskite
Coffee break		
11h40-12h00	Mauro Fanciulli EPFL Lausanne	Spin polarization and attosecond time delay in photoemission from single crystals
12h00-12h20	Cephise Cacho CLF, STFC-RAL	Tracking electron dynamics in graphene and transition metal dichalcogenides
12h20-12h40	Alberto Crepaldi EPFL Lausanne	Enhanced ultrafast relaxation rate in the Weyl semimetal phase of MoTe_2 measured by time- and angle-resolved photoelectron spectroscopy
12h40-13h00	Janusz Sadowski MAX IV	Properties of SnTe topological crystalline insulator nanowires grown by molecular beam epitaxy
Lunch		
14h30-14h50	Silke Biermann Ecole Polytechnique	Angle-resolved photoemission spectroscopy and dynamical mean-field theory.
14h50-15h10	Jan Minar, NTC, Pilsen	One step model of ARPES: Photoemission response of Fe-pnictides
15h10-15h30	Guy Trambly Uni Cergy-Pontoise	Gap opening and conductivity in a graphene bilayer with functionalization
Coffee break		
16h00-16h20	Viera Skakalova University of Vienna	Developments in graphene preparation through chemical routes studied by XPS, XRD, STEM and electrical transport.
16h20-16h40	Juraj Krempasky, SLS, PSI, Viligen	X-ray induced magnetization reversal in a multiferroic Rashba system
16h40-17h00	Laurent Nicolaï NTC Pilsen	Topological states within InBi

Informal discussions / Visit of the laboratory

19h00 Dinner

*The workshop is sponsored by
The Institute for Advanced Studies (Institut d'Etudes Avancées – IEA) of UCP*