

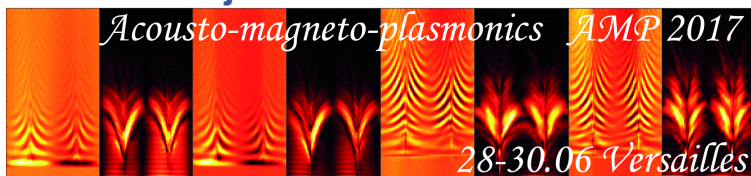
GEMaC

Groupe d'Étude de la Matière Condensée

AMP 2017

An interdisciplinary workshop Acousto-magneto-plasmonics meets quantum optics is organized within the framework of the French-Russian CNRS-RFBR PRC-CNRS collaborative research project 'Acousto-magneto-plasmonics.

Du 28 au 30 juin 2017



Interdisciplinary workshop Acousto-magneto-plasmonics meets quantum optics

UVSQ

UFR des Sciences - Bât. Fermat

45 avenue des Etats Unis

78000 Versailles

Researchers from France, Germany, Netherlands, Italy and Russia are going to give 30-minutes talks about magneto-acoustics, magneto-plasmonics, THz spectroscopy, topological insulators as well as the experimental platforms for ultrafast laser (visible, infrared, THz), ultrafast free-electron-laser (XUV soft x-rays) and ferromagnetic resonance (FMR) spectroscopies as well as ultrafast optical spectroscopy and plasmonics with semiconductor quantum dots. The workshop will focus on studying the possibilities to control magnetically the plasmonic, acoustic and quantum-optical degrees of freedom in hybrid nanostructures on ultrafast time scales.

Two keynote presentations by Michael FARLE (Univ. Duisburg-Essen) and Jean-Yves BIGOT (IPCMS Strasbourg) will review recent progress in physics of magnetic nanostructures and ultrafast magneto-acoustics.

Funding is generously provided through **the French-Russian CNRS-RFBR PRC “Acousto-magneto-plasmonics”** and **the PhoM Research Seminars Program** of the Université Paris-Saclay.

The workshop will take place **on June 28-30th in Bâtiment Fermat, "Amphi G", UFR Sciences UVSQ** (45 Avenue des Etats-Unis, 78035 Versailles).

It is organized by David SCHMOOL (GEMaC Versailles), Jean-Pierre HERMIER (GEMaC Versailles) and Vasily TEMNOV (IMMM Le Mans)

Website