

NANO SACLAY NANOELECTRONICS WORKSHOP

*Saint Germain des Prés - PARIS, France
December 10th -13rd*

The NanoSaclay nanoelectronics international workshop will be held in Paris right in the middle of the well known historic Saint-Germain area (“quartier Latin” <http://goo.gl/maps/14h06>) from the 10th to the 13th of December 2013.

It will be a great opportunity to gather scientists working in the field of molecular spintronics, memristor, low-power nanodevices and quantum electronics. Advances in new nano-electronics concepts will be crucial to continued progress in computation and data storage in the face of dramatic increases in power consumption in highly scaled CMOS devices. In the next decade, beyond the trend of device size reduction, the research community must focus not only on reducing the power of the devices but also on controlling the variability of the structures to allow large scale integration. In addition, the new physics offered at the nanoscale will allow increased functionalities in beyond CMOS devices.

The workshop will focus on four topics:

- (1) A new paradigm in Nanodesign : Memristors
- (2) Toward ultra low spintronics devices
- (3) Molecular spintronics
- (4) Charge based nanoelectronics

150 scientists from the nanoelectronics community are expected at the conference. We plan to enhance discussions between participants in a nice and historic place called “Le réfectoire des Cordeliers”.



In that context, we would be delighted to welcome you at the conference. We are looking forward to hear from you, on behalf of the organizing committee.

Organizing committee (W. Zhao, C. Gamrat, M. Bibes, D. Ravelosona R. Mattana, P. Seneor, V. Campbell and U. Gennser)

Contact : Elia Boyaux – elia.boyaux@ebpm-support.com

Campus Paris Saclay

FONDATION DE COOPERATION SCIENTIFIQUE