



Co-funded by the
Erasmus+ Programme
of the European Union

Seminar announcement

In the framework of the MEDSOL project of Erasmus + program:

**"Cooperation for innovation and the exchange of good practices
Action: Capacity Building in Higher Education"**

in which Mohammed V University of Rabat is a partner, **Dr. Hicham MAJJAD**, Institut de Physique et Chimie des Matériaux de Strasbourg (Strasbourg University – CNRS) will give a seminar entitled:

" Nanodevices with strong emphasis on nanofabrication"

This lecture is intended to give an overview of nanotechnology processes. It will be illustrated with results obtained at IPCMS in the field of spintronic and molecular electronic: Cleanrooms are used extensively in high technology industries and research laboratories. STnano: IPCMS Nanofabrication facility is a 200 m² cleanroom that contains a class 100 work area.

Currently, it provides equipment for all the nanofabrication processes (UV and ebeam lithography, thin film deposition, dry etching, characterization ...). The facility has been ISO 9001-2015 certified recently. The use of these equipment will be illustrated through different examples from the present projects conducted at IPCMS and especially:

1. Molecular electronic
2. Spintronic and nanomagnetism
3. microfluidics

Professors as well as PhD or Master's students are invited to attend this seminar, which will take place at the Faculty of Sciences of Rabat- Salle 7 on September 17, 2018 at 10.30 AM.

Pr. Mohammed REGRAGUI
Local MEDSOL coordinator