



# GEMaC

Groupe d'Étude  
de la Matière Condensée

## POSTDOCTORAL POSITION LABORATOIRE GEMAC

**The Laboratoire GEMaC (Groupe d'Etude de la Matière Condensée) at the University of Versailles/Saint-Quentin, University of Paris-Saclay are seeking a postdoctoral researcher in the areas of ferromagnetic resonance and optical absorption in metallic materials. The research topic will be the study of magneto-plasmonic interactions in nanostructured magnetic/metallic hybrid systems.**

The post is initially for a period of 12 months and is renewable for a further 12 months. The GEMaC laboratory is a mixed research unit of the CNRS and the University of Versailles/Saint-Quentin, University of Paris-Saclay and is home to research groups in the areas of Functional Magnetic Oxides, New Semiconductors and Properties, Diamond for Electronics, Magnetic and Photo-switchable Molecules and Optics at the Nanoscale. The postdoc will work jointly with the “Functional Magnetic Oxides” and “Optics at the Nanoscale” groups to develop a vector network analyser based ferromagnetic resonance system which will simultaneously operate in conjunction with optical absorption

measurements. Experience in one or both techniques is highly desirable.

#### Required qualifications

Candidates should have a PhD degree or equivalent in physics or nanoscience /nanotechnology.

Moreover, the candidate must have:

- experience with ferromagnetic materials
- experience with electrical measurements (such as lock-in techniques)
- experience in magnetic nanostructures and thin films

Preference will be given to candidates with:

- experience with optical absorption measurements
- experience with preparation of nano-materials
- excellent interpersonal, communication and networking skills.
- peer-reviewed publications in the fields discussed above
- demonstrated ability to independently advance a cross-disciplinary research activity in a project with multiple collaborators.

pdf file [PDF - 58 Ko]

## INFORMATIONS COMPLÉMENTAIRES

**Contact :**

David Schmool Tél 01 39 25 36 64 : david.schmool@uvsq.fr