



Direction des Sciences de la Matière
Institut RAYonnement Matière de Saclay
Service de Physique de l'Etat Condensé – CNRS/URA 2464

POSTDOCTORAL POSITION

THEORY OF QUANTUM ELECTRONIC TRANSPORT IN NANOSCALE SYSTEMS

A post-doctoral position is now available in theoretical mesoscopic physics at CEA-Saclay (Service de Physique de l'Etat Condensé). This position is supported by an ANR theory project on electronic quantum transport through nanostructures inside which electron-electron interactions are important. Experiments using two dimensional electron gases and a scanning gate microscope should be developed in relation with this theory project.

The potential candidate should have a PhD in theoretical Physics, together with a solid basis in condensed matter theory. Experience with computer simulations, quantum transport, many-body techniques and mesoscopic systems will be appreciated.

For contact : jean-louis.pichard@cea.fr

<http://iramis.cea.fr/spec/index.php>