

Two-dimensional phase-change materials

Description. In the framework of a project funded by the French National Research Agency (ANR) and starting in Autumn 2015, Institut Néel (Grenoble) is hiring a postdoctoral fellow. The project addresses phase-change two-dimensional materials. The postdoctoral fellow will work on the preparation of the materials and on the study of the changes of their electronic and chemical properties upon phase transformations, by means of surface science techniques, including scanning tunneling microscopy, angle-resolved photoemission spectroscopy, and low-energy electron microscopy.

Profile of the applicant. Applicants should possess strong background in condensed matter physics and good experience in surface science.

Duration. 24 months starting from Autumn 2015

Research labs involved

- Hybrid Systems at Low Dimension team (<http://neel.cnrs.fr/hybrid>) at **Institut Néel**, Grenoble, where the applicant will conduct most her/his research
- Surface and Spectroscopies group at Institut Jean Lamour, Nancy
- CEA-INAC, Grenoble

Contact. Please send a detailed CV to Johann Coraux (johann.coraux@neel.cnrs.fr)