

# POSTDOCTORAL POSITION IN CHEMISTRY OF HYBRID MATERIALS

**Duration:** one year.

**Subject:**

A post-doctoral position is open for application in the Department of Chemistry of Inorganic Materials of the Institute of Physics and Chemistry of Materials of Strasbourg, France. This position is granted by the International Center for Frontier Research in Chemistry (Strasbourg, France) to support a project on the synthesis and characterization of new multiferroic hybrid materials based on layered hydroxides or oxides.

On the basis of our experience on functional layered hybrid compounds, we aim to develop multiferroic systems by functionalizing transition metal magnetic layers with molecules exhibiting a strong dipolar moment. These molecules could also exhibit a photo- or thermo- induced isomerization to get a switchable system. We will also combine insertion/grafting chemistry with the exfoliation approach to build via chemical routes new integrated multifunctional films.

**Candidate profile:**

The candidate with relevant PhD in inorganic chemistry or materials science should have good experience in the synthesis and characterization of hybrid materials. Knowledge in near-field microscopy and/or experience in the field of ferroelectrics will also be appreciated.

The position can start immediately, provided that all administrative conditions are fulfilled.

Interested candidates should send a letter including detailed CV and recommendation letters to:

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Sous la co-tutelle de



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