



Laboratoire d'innovations pour les technologies des énergies et les nanomatériaux
Département Electricité et Hydrogène pour le Transport
Laboratoire des composants pour piles à combustible, électrolyseurs et modélisation



Grenoble, le 30 avril 2010

Object : Fixed-Term Contract, 18 months.

Profile: Transmission Electron Microscopy on Nano-objects and Nano-structures.

In the Laboratory for New Energies and Nanomaterials of CEA (Commissariat à l'Energie Atomique et aux Energies Alternatives), you will integrate the NanoCharacterization group located in the Minatec Centre. You will participate to the TEM characterization of different nanomaterials for new energy applications such as thermoelectricity, hydrogen fuel cells, solar cells, Li batteries etc. You will prepare the samples by mechanical polishing, ultramicrotomy or FIB. You will use different TEM techniques, HRTEM, HRSTEM, EDS etc. on the best equipments (7 TEMs, among which two Titan). You will work in collaboration with the applicative elaboration labs, and will be in close contact with the fundamental research labs.

Requirements: The candidate should have a scientific formation on materials science, as engineer or scientist, with an experience on TEM of at least two years.

Dead line and Starting date: The ideal date to start is June 2010, but if the position is not filled, applications will be considered until September 2010.

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