

Lab technician position

Universidad Autónoma de Madrid (UAM) offers a **15 months position** to work on rare-earth-free magnets with interesting applications in hybrid and electric vehicles motors (E-motors), renewable energy storage (flywheels) and wind turbines (generators).

Requirements: Graduate in Physics, Chemistry or related areas. Master degree will be also a plus

We will specially value enthusiasm for Science, teamwork spirit, personal initiative and communication skills in English.

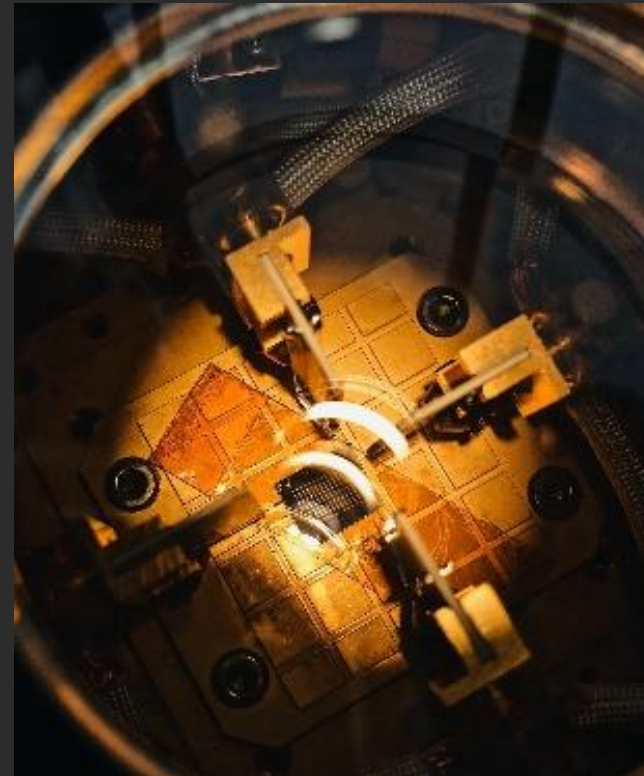


Description:

The goal will be to develop a system for measuring magnetotransport in nanometric systems based on nanowires and magnetic nanoparticles. Systematic Atomic and Magnetic Force Microscopy measurements will also be used.

The work will be carried out in the framework of a project for the development of rare-earth free magnets.

We offer the possibility to work in an innovative, young and interdisciplinary team. We offer a training plan for the candidate with the possibility to learn advanced techniques for sample preparation and characterization as well as access to singular scientific technical infrastructures..



Send us an email to
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and do not forget to include:
a short motivation paragraph, CV.
Duration: 15 months
Application deadline: 15/March/2023.