

Vacancy for a Research Grant on Development of new magnetic materials for sustainable permanent magnets.

The research aims to develop newly magnetic materials for sustainable permanent magnets. The fellow will participate in research related to the European project KIC- Raw Materials INSPIRES "INtelligent and Sustainable Processing of Innovative Rare-Earth magnetS" (www.inspires-magnet.eu). This project will develop new processes for recycling rare earth permanent magnets from washing machines. The research will be focused on the study and characterization of the microstructural and magnetic properties of magnetic powders coming from recycling process. Also, the properties of the new will be investigated. Participation in the different activities organized by the project is envisaged, including an internship in one of the industries involved.

Information:

Position: IMEM-007-2021-PR

<https://www.imem.cnr.it/concorsi/aperti/all>

Required degree in Physics, Chemistry, Materials Science, Materials Engineering, Geological Sciences and Technologies (D.M.270/2004), or closely related fields.

Istituto dei Materiali per l'Elettronica e il Magnetismo (CNR) of Parma (Italy).

Responsible: César de Julián Fernández

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REMUNERATION: Euro 19.367,00

CONTRACT OF ONE YEAR RENEWABLE YEARLY.

Deadline for submission: Monday, October 11th 2021.