



OPEN POSITION

IMDEA Materials (Madrid Institute for Advanced Studies of Materials) is a non-profit, private research organization, promoted by the Regional Government of Madrid, to carry out research activities in Materials Science and Engineering. The research institute is part of IMDEA, a new institutional framework that combines both public and private support and harmonizes research with market demand, encouraging the private sector to participate in the design of science. IMDEA Materials is committed to excellence in research and fostering technology transfer to the industrial sector in a truly international environment. More information can be found at www.materials.imdea.org

The research group of 'Composite Materials' at IMDEA-Materials seeks a:

Research Associate (Postdoctoral Researcher) (Ref: SIM-06)

for a collaborative European project in the area of Modeling and Simulation of Electrical Conductivity of Advance Polymer Composites. The selected candidate will work under the supervision of the project leader (Dr. Carlos González) in the development of detailed finite element models at different scales (micro and meso) to predict electrical conductivity performance of CFRP composites reinforced with nanotubes/nanofibers.

Starting date: As soon as the position is filled.

Requirements: PhD Degree in Materials Engineering, or any relevant discipline pertaining to the project (modeling of physical properties of composite materials); Fluent English (oral and written)

Preference: Experience in modeling and simulation in Material Science and Engineering. Background on Physical and Mechanical Behavior of Solids. Commercial finite element package (ABAQUS, ANSYS, LsDyna) and programming tools (fortran, c++, python) are also recognized.

Conditions: Contract with full social security coverage.

Gross Salary: Depending on candidate

Contact: Interested candidates please send your CV **indicating the job reference** to:

jobs.materiales@imdea.org