



OPEN POSITION

IMDEA Materials Institute (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 new 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 Institute is committed to excellence in research and to 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 Atomistic Materials Modeling at IMDEA Materials Institute seeks a:

Postdoctoral Researcher
(PhD in materials science, physics or electronic engineering)

(Ref: POST-AMM-03)

to work in the area of Atomistic Monte Carlo simulation of device processing in silicon-based materials. The selected candidate will work in the project under the supervision of a project leader with demonstrated academic and commercial experience in the field. The candidate will develop, test and use computational Object Kinetic Monte Carlo models and algorithms in C++ to simulate particular processing scenarios in technologically important Si-based materials.

Starting date: As soon as the position is filled.

Requirements: Experience with C++ development and knowledge of microelectronic processing and/or excellent physics. Fluent English, oral and written. Simulation Technique skills, Unix/Linux and parallelization development skills is a plus.

Conditions: Contract with full social security coverage.

Gross Salary: Depending on qualifications.

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

jobs.materials@imdea.org