



OPEN POST-DOCTORAL POSITIONS

IMDEA Materials (Madrid Institute for Advanced Studies of Materials) is a non-profit, independent research institute, promoted by the Regional Government de Madrid (Spain), to carry out research in Materials Science and Engineering. IMDEA Materials Institute is committed to excellence in research by attracting talent from all over the world and to foster technology transfer to the industrial sector in a truly international environment. More information about the activities of the Institute can be found at <http://www.materials.imdea.org>

IMDEA Materials Institute is looking for:

Research Associates
(PhD in Materials Engineering, Metallurgy, Mechanical Engineering, Computational Materials Science)
(Ref: PD02-VIR)

to work in the research project VIRMETAL (virtual design, virtual processing and virtual testing of metallic materials) funded by an Advanced Grant of the European Research Council. Research activities will be focused in the development of multiscale modeling strategies –based on the phase-field method– to simulate the microstructural development during solidification as well as during thermo-mechanical treatments in Al and Mg alloys.

Requirements: Candidates should hold PhD in Materials Science, Metallurgy, Mechanical Engineering, Computer Science (or related discipline) with excellent academic credentials and a strong commitment to develop an academic career in an international and multidisciplinary environment. Fluent English (oral and written) is required. Previous experience in either molecular dynamics, computational thermodynamics and kinetics or phase field modeling is necessary.

Conditions: Full time contract including social security coverage. Salary depending on previous experience and credentials.

Starting date: As soon as the positions are filled.

Contact: Interested candidates should submit their application through the institute's website <http://jobs.materials.imdea.org>