



## OPEN POSITION

The building Materials group at Civil Engineering School of Universidad Politecnica Madrid carries out research activities in Materials Science applied to cement based materials and steel. More information can be found at <http://www.upm.es/observatorio/vi/index.jsp?pageac=grupo.jsp&idGrupo=188>

This group seeks a:

### **RESEARCH ASSISTANT (PhD Candidate) (M Sc in Materials, Mechanical or Civil Engineering)**

To work on:

*MULTISCALE MODELING OF CEMENT-BASED MATERIALS. APPLICATION TO STUDY THE DETERIORATION OF CONCRETE UNDER FREEZE-THAW CYCLES WITH DE-ICING SALTS.*

**Requirements:** M Sc in Materials, Mechanical or Civil Engineering. Fluent English, oral and written. Simulation technique skills, finite element method and materials science applied to cement based materials skills is a plus. This position is expected and oriented to lead a doctoral thesis.

**Starting date:** As soon as the position is filled.

**Conditions:** Contract with full social security coverage

**Gross salary:** depending on qualifications

**Contact:** interested candidates please, send your CV indicating the job

**Reference:** to [jaime.galvez@upm.es](mailto:jaime.galvez@upm.es)