



**Universitat
de Lleida**

GRANT FOR A PHD THESIS ON METAL SPECIATION (PHD POSITION)

The thesis will continue the **development of the new electroanalytical technique AGNES** while comparing and improving other techniques (DMT, DGT, etc.) to gain an understanding of the distribution of a metal ion in its chemical forms and the ensuing (bio)availability. Possible applications: environmental, toxicological and agrifood studies (from dissolution of nanoparticles in natural waters to the impact of metals on the quality of wine). Most of the thesis will have an experimental focus, although theoretical components might be included following the interests of the candidate.

Salary: 14,400 Euro first year; 15,600 Euro second and third years.

Period of the grant: 3 years.

Deadline for application: 30 September 2013.

The hosting research group in the **Universitat de Lleida** (Catalonia, Spain) has published more than 40 articles in high impact journals since 2008.

Requirements for the candidates: Good marks in a degree in Chemistry, Physics, Engineering, Biotechnology, Environmental Sciences or other fields related with Analytical and Physical Chemistry. The Master studies must be finished in the period 1 Jan 2011 to 31 Dec 2013 or Degree with 300 ECTS. Fluent English. High motivation for research.

Applications should be sent to galceran@quimica.udl.cat with: i) a very complete CV (including photo and 2 or 3 possible scientists for references), ii) a motivation letter and iii) the list of the subjects followed in the degree (and in the master) with qualifications and number of credits (university certificates).

More information: (34) 973 70 28 26 and www.udl.es/usuarios/q4088428 (see Publications, Recent photographs, FellowshipAGAUR, etc.).