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## Postdoctoral position within European project SACSESS Study of liquid/liquid extraction kinetics

Within the framework of the European project SACSESS (Euratom) about the reprocessing of nuclear wastes, we propose a postdoctoral position about the study of liquid/liquid extraction kinetics.

The successful student will examine the extraction velocity of trivalent lanthanide (e.g., Eu(III)) and actinides (Am(III) and Cm(III)) in various experimental conditions, of major interest for the reprocessing of wastes. The study will encompass the study of extraction and stripping involving selective and non-selective extractants for actinides, as well as the influence of complexing agents in aqueous phase.

The work will be carried out in relation with other European teams, in France, England, and Czech Republic, with which the results will be compared. Meetings will take place every 6 months within the European project.

The duration of the stay will be of 12 months, starting between the end of 2014 and the beginning of 2015. The net monthly wages will be of ca. 2100 €- 2300 €, depending on the personal situation of the student.

The candidate must have a good practice of experimental work in solution chemistry, and preferentially possess an experience in the handling of radioactive elements. A good knowledge of French and/or English languages is required.

Please send a CV accompanied by a cover letter to the above referenced email address, together with the names and contact information of 2 potential referees for recommendation.