

**YOUNG RESEARCHER POSITION IN THE AREA OF PHYSICAL CHEMISTRY
AT THE UNIVERSITY OF LJUBLJANA, SLOVENIA**

I'm looking for a candidate for a position of a young researcher in the area of physical chemistry, at the Faculty of Chemistry and Chemical Technology, University of Ljubljana, Slovenia. The candidate will be enrolled in the doctoral study programme (in English) starting October 2010, and is required to finish his/hers PhD in 3.5 years. During this time he/she will be employed by the Faculty of Chemistry and Chemical Technology, University of Ljubljana, Slovenia (approximate net salary 900 EUR/month).

The candidate should apply to <http://www.uni-lj.si/en/news.aspx?id=4420> by July 9th 2010.

The proposed research will be focused on theoretical and experimental studies of the hydrophobic interactions in aqueous solutions of electrolytes and polyelectrolytes which are crucial for understanding processes such as protein folding and docking (in the collaboration with UCSF, San Francisco, USA). By measuring the thermodynamic and transport properties of these systems the candidate will determine the influence of the polyelectrolyte on the stability of the hydrophobic molecules in water. The polyelectrolytes will be, according to their properties, rank-ordered into the Hofmeister-like series.

For more information, please contact me by e-mail (barbara.hribar@fkkt.uni-lj.si).

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