PhD Position in Biomembrane Physics

We are seeking for highly committed PhD candidates to join our team in the framework of the project “Coupling of Transverse and Lateral Structure in Asymmetric Lipid Bilayer” granted by the Austrian Science Fund (FWF). The central aims of the project are (i) to establish asymmetric lipid vesicles as a robust platform for neutron and x-ray scattering experiments and (ii) to derive an in-depth understanding of the coupling mechanisms in asymmetric lipid-only membranes based on a characterization of their transverse and lateral structure. The work will be performed in close collaboration with international key researchers in the field.

Your Profile:
- Master’s degree in physics or physical chemistry (preferential: training in scattering techniques and background in biophysics)
- Distinct skills in communication (oral and written), teamwork and working/learning in a highly interdisciplinary area, scientific commitment and creativity
- Distinct knowledge in numerical techniques
- Willingness to travel

Other Essentials:
- Gross salary: 1.996,90.- EUR/month (3 years)
- The PhD will be granted in physics.
- Your application includes: letter of intent, CV, certificates, contact information of previous supervisors
- Application deadline: 15. 08. 2014 (send PDFs to georg.pabst@uni-graz.at)
- Expected starting date: 01. 10. 2014

For additional information email georg.pabst@uni-graz.at or see http://www.uni-graz.at/~pabstg/.