

## **PhD position II: Development of hybrid simulation methods**

**Place:** Molecular Dynamics Group, University of Groningen

**Promotor:** Prof. S.J. Marrink

**Duration:** 4 years

**Start:** 2011

**Applications:** email CV to [s.j.marrink@rug.nl](mailto:s.j.marrink@rug.nl) . (

**Requirements:** a solid background in biophysics

### **Description:**

In this project the focus will be on testing and implementing new methods to combine different levels of resolution in simulation studies of soft matter. The aim is to benefit from the speed-up of coarse-grained models while not losing sight of the atomistic details where those matter.

This project requires someone not afraid of programming, but will also involve applications of the new methods to a large range of biomolecular processes.