



SCHRÖDINGER MAESTRO WORKSHOP 31.3.2009 IN JYVÄSKYLÄ



JYVÄSKYLÄN YLIOPISTO
University of Jyväskylä



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[Maestro](#) is a versatile drug discovery and molecular modelling environment that runs in Linux and Windows machines. It has an integrated graphical interface for building, running and analysing the computational results. It includes methods from quantum mechanics to homology modelling.

The Workshop will consist of presentations and live demonstrations on the application of key computational techniques to real world problems using the Maestro suite for molecular modelling. The workshop will also include hands-on exercises.

In the workshop the specialists from Schrödinger Inc. will show how to use the basic and more advanced features of the Maestro suite for different research problems. In addition to the following topics, you can of course discuss your own projects with the specialists, too. The topics will include:

- Homology Modelling and Protein Simulations
- Docking: From High Throughput Virtual Screening to Lead Optimization and Binding Affinity Predictions
- Ligand-Based Lead Optimization

Date: March 31st 2009 at 09:00 - 17:00

Location: University of Jyväskylä, in computer room Ag B211.1 (Sovjet). This computer room you'll find in the Agora building, see map:

<http://www.jyu.fi/tiedotus/wwwkartat/index.php?page=mattilanniemi>

Language: English

Lecturers: Jianxin Ding, Schrödinger, Annette Höglund, PhD, Schrödinger

Price: Free of charge for academics

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REGISTRATION AND MORE INFORMATION:

http://www.csc.fi/english/csc/courses/archive/maestro_jkl_2009

Registration by 26.4.2009 at the latest.

WWW.CSC.FI/CHEM