

Scientific Images of Proteins and Chemical Compounds – Image Creation from pdb's in PyMOL and Blender

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This course will be focused on the creation of scientific images from pdb files. It will start with basic handling, navigation, representations and selections from the proteins ras and bacteriorhodopsin in PyMOL followed by basic evaluation tools like alignments and dihedral angle calculation and the plotting of generated data in Origin. For the second day advanced image rendering in Blender is planned. I encourage bringing own .pdb files and structural data with you so you can take some relevant images from this course. The script of the course is written in german, but can be translated to english on demand so please tell me whether you speak german or english when you apply. The course will take place in ND 04/99 where about 10 computer workspaces are provided. If you want to bring your own laptop make sure the programs PyMOL and Blender are installed (freeware) and leave me a short note so I can provide internet access.

Date: 10./11.11. 2014 from 9:00 – 16:30

Location: Department of Biophysics, ND 04/99, Ruhr University Bochum

Max number of participants: 10

