

**The Centre for Electron Microscopy at the University of Regensburg (PD Dr. Reinhard Rachel) and the Institute for Molecular and Cellular Anatomy (Prof. Dr. Ralph Witzgall) will organize a workshop for 3D electron tomography and analysis of biological samples. This workshop will take place from Monday June 7<sup>th</sup>, to Wednesday, June 9<sup>th</sup> 2010. It will focus on the use of IMOD, a set of image processing, modelling and display programs used for tomographic and serial section reconstruction, designed by the Boulder Lab for 3D Electron Microscopy of Cells (University of Colorado, Boulder, U.S.A.). See: <http://bio3d.colorado.edu/>**

**The instructors, Cindi Schwartz (Boulder), Dr. Johanna Höög (Boulder and Oxford), and Julia Cope (Boulder) will teach IMOD for tomographic reconstruction, serial section joining, and modeling of tomograms of plastic-embedded biological material. The use of IMOD for cryo applications will not be discussed. Attendance is limited to 20 participants. A classroom equipped with workstations (WinXP, Linux) will be available for this intense workshop. We invite PhD students, postdocs and experienced scientists with an interest in 3D TEM imaging of biological specimens to participate in the course. For members of academic institutions, attendance of the workshop is free. Each applicant will have to cover the cost for travelling and for accommodation. We will help to arrange accommodations in local hotels on request. For applicants from industry, a course fee of € 200 will be charged.**

**Applications, including a short CV and a statement of your background in tomography (type of sample and experience level with IMOD), should be sent by e-mail to:**

**[Reinhard.Rachel@biologie.uni-regensburg.de](mailto:Reinhard.Rachel@biologie.uni-regensburg.de)**

The order of registrations will play a role in the selection of participants, and therefore, we recommend that you contact us as soon as possible.

<http://www.biologie.uni-regensburg.de/EM-Zentrum/index.html>

<http://www.biologie.uni-regensburg.de/Anatomie/Witzgall/index.html>