

The Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG) and the Center for Systems Biology Dresden (CSBD) are basic research institutes that foster collaborations between theorists and experimentalists. Their research program spans across scales from molecular assemblies, to formation of cells, tissues and organisms.

The group of Prof. Marino Zerial is looking for a

Student Assistant for Image Analysis (HiWi/ SHK) (m/f/d)

The Zerial group applies multi-scale analysis bridging the molecular, cellular, tissue, and organ levels combining experimental and computational approaches to understand cell and tissue organization. Find more information on our research on <http://www.zeriallab.org>.

What are your tasks?

- Application of image analysis pipeline to microscopy image sets ([Motion Tracking](#) software, developed and implemented from our research group)
- Write scripts to automate pipeline
- Control of the analysis process and quality control of results
- Trouble-shoot computation on supercomputer at ZIH
- Collect and document information about failures and errors from users in the group

Skills you should have

- Interest in basic science
- Basic programming knowledge (C/C++, Java)

What we offer

Part-time student job (HiWi/ SHK position) up to 19 hours /week with the possibility to participate in seminars, talks etc. offered by the group and institute.

For questions and to submit your application (cover letter, CV, transcript of records), please contact Lisa Johnsen (johnsen@mpi-cbg.de).

The Max Planck Society strives for gender and diversity equality. We welcome applications from all backgrounds.

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