

PhD Positions in Computational Science and Engineering

The Chair of Computational Science at ETHZ (cse-lab.ethz.ch) invites applications for PhD students in the broad field of Computational Science and Engineering.

Students will conduct innovative research at the interface of Computer Science and Numerics with applications in Fluid Mechanics and Life Sciences. Ongoing research is in the areas of multiscale modeling, high performance computing, uncertainty quantification and machine learning for the integration of models with data. Projects range from fundamental studies of turbulence and fish schooling, to graphene based devices and the detection and therapy of cancer.

Applicants background may include studies in Engineering, Computer Science, Applied Mathematics and Physics. We encourage applications from students with a strong interest in interdisciplinary research.

Please email you applications to Professor Petros Koumoutsakos: petros@ethz.ch. Applications should include a CV including a record of past grades and GRE/TOEFL scores if available as well as contact information of two references.

ETH Zürich offers a world-class working environment and is well known for its fundamental research and its transfer to applications.