

postdoctoral and phd positions in Computational Imaging

Postdoctoral Researchers

Positions for postdoctoral researchers are currently available at Skoltech in the areas of computer vision and image processing. The research focus will be on mathematical image modeling, computational methods for inverse imaging problems, large-scale optimization, and fast numerical methods.

Candidates are expected to have a strong background in signal/image processing and applied mathematics (relevant specialties are functional analysis, linear algebra, Bayesian methods, convex optimization) and should be comfortable with one or more of the areas mentioned above. Solid knowledge of C/C++, Cuda, Python and/or Matlab is also required. The balance of work between theoretical and computational will depend on the candidate's strengths and preferences. Selected applicants will receive a highly competitive compensation package (salary, housing allowance in case relocation will be needed, medical insurance). The positions are available immediately and the starting date is negotiable.

The application file should contain a CV, a list of publications, and a research statement. The research statement should, in no more than a few pages, summarize the candidate's past research accomplishments and vision for possible future research. The application should be emailed to Prof. Stamatios Lefkimmiatis. The candidate's message should contain "Postdoc position" in the subject.

Graduate Students

Students interested in pursuing Ph.D. studies in the above topics are advised to first contact Prof. Stamatios Lefkimmiatis. The standard procedure is to apply via Skoltech Admissions for Doctoral Programs.

Successful candidates are expected to have a masters degree in electrical engineering, computer science, or applied mathematics. Previous experience in image/signal processing and/or machine learning is highly desirable. Applicants should have a strong theoretical background and a desire to use mathematical tools in their research. A good knowledge of C/C++, Python, Matlab and/or Cuda is also required.