

OPEN POSTDOCTORAL AND PHD POSITIONS IN SCIENTIFIC COMPUTING GROUP

Our Scientific Computing group at the Skolkovo Institute of Science and Technology invites applications for full time **Postdoctoral Associates** and **PhD candidates**. The research will focus on developing breakthrough numerical techniques (matrix and tensor methods) for solving a broad range of high-dimensional problems. Particular research directions include (but are not limited to):

1. Solution of multidimensional integral and differential equations discretized on fine grids
2. Ab initio computations in quantum chemistry and computational material design
3. Construction of reduced order models for multiparametric systems in engineering
4. Uncertainty quantification in engineering sciences
5. Data mining and compression

Selected applicants will receive a **highly competitive compensation package** (salary, housing allowance in case relocation will be needed, medical insurance) along with discretionary funds to support research activities.

Positions are available immediately; starting date is negotiable.



If you are interested in joining our group, please contact Prof. Ivan Oseledets i.oseledets@skolkovotech.ru with all the usual stuff: CV, list of papers, research statement, 2 recommendation letters.

The Skolkovo Institute of Science and Technology (Skoltech) is a private graduate research university in Skolkovo, Russia, a suburb of Moscow. Established in October 2011 in collaboration with MIT, Skoltech educates global leaders in innovation, advances scientific knowledge and fosters new technologies to address critical issues facing Russia and the world. Applying international research and educational models, the university integrates the best Russian scientific traditions with twenty-first century entrepreneurship and innovation.