

## **One postdoctoral position and two Ph.D. scholarships in the theory of complex quantum systems.**

Applications are invited for a **3-year postdoctoral position** and **two Ph.D. scholarships** in the group "Theory of Complex Quantum Systems" at Skolkovo Institute of Science and Technology (Skoltech) in Moscow, Russia. Skoltech is a new graduate university established by the Russian government in collaboration with Massachusetts Institute of Technology (<http://www.skoltech.ru/en/>). It is an ambitious project aimed at bringing together the best international and Russian traditions in education, research and innovation. The official language of instruction and communication at Skoltech is English. International candidates are strongly encouraged to apply. Skoltech offers internationally competitive salary, housing allowance, medical insurance and a relocation package.

The research activities in the group "Theory of Complex Quantum Systems" are concentrated in two broad areas: (i) superconducting materials and (ii) relaxation and chaos in many-particle systems.

### Postdoctoral applicants

Required qualifications: Ph.D. in theoretical physics on a subject related to many-body quantum systems (condensed matter, cold atoms, etc.). Experience in superconductivity theory or in numerical studies of lattice models is a plus.

Application packages should include cover letter, CV, publication list, contact information of three references, statement of research interests with the emphasis on the relevant qualifications - everything in the form of a single PDF file.

### Ph. D. applicants

Required qualifications: M.Sc. in physics (or a comparable degree) with good training in quantum mechanics.

Application packages should include cover letter, CV, the contact information of three references, statement of research interests, and copies of the transcripts of Bachelor and Master studies - everything in the form of a single PDF file. The applicants are also encouraged to include the results of the following tests, if available: GRE Physics, GRE General, TOEFL and IELTS.

**All applications and inquiries should be sent to Prof. Boris Fine at the email address [cqs@skolkovotech.ru](mailto:cqs@skolkovotech.ru) . The positions are available immediately. The search is open until the positions are filled.**