

## A Project Researcher (Postdocs)

A Project Researcher in the Institute for Solid State Physics (ISSP),  
the University of Tokyo

**Job Description:** ISSP is seeking a project researcher for Center for Computational Materials Science (CCMS). Successful candidates will work on computational condensed matter physics, in collaboration with faculty members and develop new methods and computer programs. Special emphasis is placed on development of new numerical techniques (tensor network methods, singular value decomposition, machine learning, etc) and their new application such as application to fluid mechanics. The research work will be conducted as a part of the MEXT project "Foundation of Quantum Mechanics and Information, Challenge of Basic Science, Exploratory Challenge on Post-K Computer".

**Qualifications:** Applicants must hold a Ph. D in relevant scientific area. Applicants must be proficient in English for oral and written communications. Successful applicants are expected to start as soon as possible after April 1, 2018.

**Term of Employment:** Renewed annually, depending on the condition of the project budget. It cannot be renewed beyond the end of the project (March 2020, at the latest).

**Employment Conditions:** This is a full-time appointment under discretionary labor system: working hours are at the discretion of the worker with the standard of 38 hours and 45 minutes a week. Annual salary will be determined in accordance with Salary Regulations for the University of Tokyo.

**Deadline for Application:** January 9, 2018

### **Documents to submit:**

- (1) Curriculum vitae
- (2) Letter of reference
- (3) Summary of scientific achievements (within 2 pages on A4 paper)
- (4) Research plan during this employment (within 2 pages on A4 paper)

The applicant's preference among the two categories must be stated here.

- (5) List of publications
- (6) Reprints or copies of no more than 3 representative papers.

**Selection Process:** Selection committees at ISSP will examine application documents focusing on academic achievements and research plans, and may hold interviews for evaluating their potential. In case suitable candidates cannot be found, the selection may be withheld.

**Address:** Send an e-mail message to

[issp-jinji@issp.u-tokyo.ac.jp](mailto:issp-jinji@issp.u-tokyo.ac.jp)

with the subject "Application for CCMS postdoc position," and you will receive a reply including instructions for the document submission.

**Contact:** For technical questions about application procedures,

[issp-jinji@issp.u-tokyo.ac.jp](mailto:issp-jinji@issp.u-tokyo.ac.jp)

For others, contact

Prof. Naoki Kawashima ([kawashima@issp.u-tokyo.ac.jp](mailto:kawashima@issp.u-tokyo.ac.jp))