

Tenured Faculty Position in Condensed Matter Theory

at the Institute for Solid State Physics (ISSP), the University of Tokyo

Remarkable developments in condensed matter physics, particularly in solid-state physics of quantum materials have been made based on the synergy among new materials syntheses, experimental discoveries of novel phenomena and functions, and proposals of new theoretical concepts. Recent experimental and theoretical developments suggest that further breakthroughs will require interdisciplinary research beyond traditional boundaries, and even closer collaborations among new material science, nanoscale science, in-depth measurements, and theoretical research.

The Institute for Solid State Physics (ISSP) of the University of Tokyo is seeking an outstanding candidate in condensed matter theory. The successful candidate will collaborate with experimentalists as a member of the Quantum Materials Group and contribute to the international physics community with his/her original, innovative theoretical research.

The Quantum Materials Group is a new cross-divisional section of ISSP established as of October 1st 2016.

The Number of Open Positions and Affiliation

One tenured Associate or Full Professor in the Quantum Materials Group and concurrently appointed to the Division of Condensed Matter Theory

Research Subject

Theoretical research that will open new frontiers in materials physics. The anticipated area of research is: emergent quantum phenomena and functions in solid-state electronic systems, such as topological quantum phases in strongly correlated electron systems. The successful candidate will also vigorously collaborate with members in the Quantum Materials Group as well as other experimental groups at ISSP.

Application

Applications should include the following documents prepared either in English or Japanese and should be sent by post or alternatively by online submission, as detailed below. All the documents must arrive no later than January 4, 2017.

- 1) CV with photo including academic record and professional career
- 2) Summary of research accomplishments (up to three pages)
- 3) Research plan (up to three pages)
- 4) Complete list of publications (mark most important papers)
- 5) Copy of the five most important papers

In addition, applicants should arrange for a letter of reference to be sent to the same address.

Postal mail submission:

Send application documents enclosed in an envelope with printing "Application for the associate/full professor position (QMG)" in red ink on the front side of the envelope. The documents should be sent by registered mail to the following address.

Administration Office,
The Institute for Solid State Physics, The University of Tokyo
5-1-5 Kashiwanoha, Kashiwa, Chiba 277-8581, JAPAN

Online submission:

First, send an e-mail to the following e-mail address.

<ISSP general affairs office> issp-jinji@issp.u-tokyo.ac.jp

State "Application for the associate/full professor position (QMG)" in the subject line. Do not attach any documents.

Secondly, upload the application documents. The URL for upload will be informed.

If you have any questions about the application procedure, write to the above address.

More general questions should be addressed to Prof. Masaki Oshikawa
(oshikawa@issp.u-tokyo.ac.jp).