



GRADUATE SCHOOL OF ARTS AND SCIENCES  
THE UNIVERSITY OF TOKYO  
3-8-1 Komaba, Tokyo 153-8902, Japan

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September 21, 2022

### **Postdoctoral Research Positions in Condensed Matter Theory at University of Tokyo**

The quantum Condensed Matter Theory group, led by Chisa Hotta expects to appoint one postdoctoral fellow in April 2023 (the starting date is flexible). This position is related to the project “Extreme Universe” Grant-in Aid for Transformative Research Areas (A) funded by the Japanese Ministry of Education, Culture, Sports, Science and Technology. The project started in September 2021, headed by Tadashi Takayanagi (Kyoto Univ.), the relevant condensed matter members are Kouichi Okunishi(Niigata Univ.), Chisa Hotta (UTokyo) and Hosho Katsura(UTokyo).

We are looking for candidates who are interested in the topics related to quantum condensed matter theory including nonequilibrium quantum dynamics, topological phases of matter, and quantum computing, with its platforms unrestricted, e.g., strongly correlated magnetism and ultracold atoms. The contract will be updated every year, if necessary, until Spring 2026.

For inquiries, please send your curriculum vitae and a brief research statement. Candidates should also arrange for letters of recommendation to be submitted from two scientists familiar with their work.

Applications and supporting material should be sent to

chisa@phys.c.u-tokyo.ac.jp

by

**December 23, 2022.**

with the subject line

“ Postdoctoral Research Position in EXTREME UNIVERSE ”

However, later applications may also be considered.

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