

Hiroshima University (HU) herewith makes an open international job offer and seeks to appoint for two Specially Appointed Assistant Professor.

We are looking forward to welcoming those who are prepared to go along with the principles, long-term vision and medium-term target of HU (<https://www.hiroshima-u.ac.jp/en/about>), and who are motivated and can play key roles by committing themselves to research and education at HU.

Mitsuo Ochi, President of Hiroshima University

Please refer to the following URL for details about personnel system reform of Hiroshima University.

<https://www.hiroshima-u.ac.jp/en/employment/kyoinkobo>

Date: April 2, 2025

Faculty Open Position

1. Affiliation (Appointment)

Core Research Division (Functional Materials Research Unit), Research Institute for Synchrotron Radiation Science, Hiroshima University.

Academy of Hiroshima University (Graduate School of Advanced Science and Engineering)

2. Work location

Higashi-Hiroshima Campus, Research Institute for Synchrotron Radiation Science, Hiroshima University.

2-313 Kagamiyama, Higashi-Hiroshima, Hiroshima 739-0046, Japan

3. Position and the number of opening

Specially Appointed Assistant Professor, two (2)

4. Commencing date of employment

After September 1, 2025, as soon as possible after the decision

5. Terms of employment

4 years (until August 31 2029, single year contract, renewed annually based on the performance and the continuation of work)

6. Field of specialization

Condensed matter physics, photoelectron spectroscopy, synchrotron radiation, laser, surface thin films, development of electron spectrometer, time-resolved photoelectron spectroscopy, development of cryogenic apparatus, etc.

7. Job description

Successful candidate will develop and apply high-resolution angle-resolved photoemission spectroscopy techniques using synchrotron radiation in the vacuum-ultraviolet region and ultraviolet lasers to elucidate the electronic states of strongly correlated electron systems and topological insulators from an electronic structure point of view. In addition, successful candidate will promote the fusion research areas of semiconductor and meta matter in the "Program for Forming Japan's Peak Research

Universities (J-PEAKS) ” of Hiroshima University, and will also support users at the Joint Usage/Research Center.

8. Teaching responsibilities

- (1) Graduate level (master’s programs): Special Exercise in Physics A, B, etc.
- (2) In addition to the courses listed above, he or she may be asked to teach other general education courses and/or discipline specific courses in other department(s) and graduate school(s).

9. Qualifications

Applicants must satisfy all of the following requirements:

- (1) Hold a doctorate or an equivalent degree by the time the appointment begins
- (2) Be able to supervise doctoral students in preparation of doctoral dissertations
- (3) Be able to teach classes and supervise students in English

10. Application materials required

- (1) Resume (use the specified forms as shown on the website / Please remember to attach your photo on the CV)
If you have a history of being employed by Hiroshima University (as a TA, RA, researcher, etc.) in the past five years, be sure to state all positions you have held.
- (2) List of publications and oral presentations (Number each publication/presentation, and underline the numbers of refereed articles. Affix an asterisk (*) to the numbers of your five major publications or presentations.)
- (3) Five major publications or presentations (Reprints, photocopies)
- (4) List of acquired external funding
- (5) Past research achievements, future research plans, and aspirations for engaging in education (approximately 1,000-2,000 words)
- (6) Your Researcher ID or ORCID information (in any format)
N.B. The ID above or ORCID information can be confirmed from Clarivate Analytics or ORCID website.

11. Application deadline

All application materials must reach us by 5:00 pm on Friday, May 30, 2025 (Japan standard time).

12. Please send all application documents to the following address

Research Institute for Synchrotron Radiation Science, Hiroshima University.

E-mail: hisor[at]hiroshima-u.ac.jp (please replace “[at]” with “@”)

* Please save the files in cloud system etc. Then, send an email indicating the link in

the body of the document.

* Please send an e-mail titled “Application documents for faculty open position in the Research Institute for Synchrotron Radiation Science (Functional Materials Research Unit)” .

* If you do not receive a receipt mail in three day, please contact us.

13. Selection procedure

- (1) Selection will be made based on all application documents submitted.
- (2) Interviews will be conducted as needed. As a general rule, we will conduct mock lessons in English. In such cases, please note that travel expenses will be the responsibility of the applicant. Applicants who pass the initial document review will be informed of interview date, time and format.
- (3) Hiroshima University promotes a gender-equal society in accordance with the legislative intent of the Basic Law for a Gender-Equal Society.

14. Employment status

- (1) If you are agreeable to the application of the Discretionary Labor System for Professional Work, you are deemed to work for 7 hours and 45 minutes a day. If not, working hours are from 8:30 to 17:00 (from Monday to Friday) and break time is from 12:00 to 12:45.
- (2) Workdays are from Monday to Friday (excluding public holidays) in principle.
- (3) Holidays are Saturdays, Sundays and public holidays in principle.

15. Salary, etc.

- (1) Hiroshima University Regulations for Appointment, Removal, Salaries, Working Hours, Time-off and Leave of Contracted Teaching and Research-Related Employees will be applied to the successful candidates.
- (2) Successful candidates may be reimbursed for travel expenses incurred for the trip from their home or former place of work to the new place of work to assume their post in accordance with the relevant regulations of Hiroshima University. For more information, please contact us.

※Hiroshima University has introduced a system whereby researchers' personnel expenses are paid out of direct expenses such as competitive research grants and joint research grants, and the obtained research financial resources can be used to improve the treatment of researchers themselves (additional Salary) and to improve the research environment.

16. Employer

17. Miscellaneous

- (1) Probationary employment period: six (6) months
- (2) Personal information obtained from application documents will not be used or provided to any third party for purposes other than the necessary procedures related to personnel affairs, salary, and welfare. Application documents of applicants whom we have decided not to employ will be disposal to those applicants in an appropriate manner, after the completion of relevant selection processes.
- (3) All the faculty members of Hiroshima University belong to the "Academy", which is the single university-wide faculty organization, and each faculty as a member of the Academy of the University is appointed to educational and/or research organizations such as an individual undergraduate school, graduate school, research center and institute.
- (4) Faculty members may also be assigned to teaching and/or research activities in other organizations of Hiroshima University and university-wide projects.
- (5) HU provides other employment information (research job, desk job and etc.). If your spouse wishes to work for HU, please refer to the following URL link.
employment information: <https://www.hiroshima-u.ac.jp/en/employment/>
- (6) Hiroshima University has been entirely smoke-free from January 2020.

18. Contact

Kenya Shimada, Prof.

Research Institute for Synchrotron Radiation Science, Hiroshima University

Tel: +81-(0)82-424-6293

Fax: +81-(0)82-424-6294

E-mail: kshimada@hiroshima-u.ac.jp