

**Faculty Position in the Graduate School of Engineering Science,
the University of Osaka**

Outline	A new research group will be established in the Division of Advanced Materials Science and Technology, Department of Materials Engineering Science, Graduate School of Engineering Science, The University of Osaka, to explore novel quantum states and functionalities from a theoretical perspective. The group will investigate correlated electron systems, magnetic materials, superconductors, and other quantum materials, with a focus on understanding diverse ordered states and emergent phenomena and developing principles for novel material design. We seek highly motivated researchers interested in theoretical studies of topological magnetic textures, quantum transport and cross-correlated responses, novel quantum phases, and the theoretical design and exploration of novel quantum materials using analytical and numerical approaches. The successful candidates will conduct research and education for the graduate school and undergraduate students (in the Materials Physics Course) in collaboration with the newly appointed professor.
1. Position	Associate Professor, and Assistant Professor
2. Number of Positions	Associate Professor: 1 (One), Assistant Professor: 1 (One)
3. Affiliation	Graduate School of Engineering Science, Division of Frontier Materials Science
4. Work Location	Toyonaka Campus (1-3 Machikaneyama, Toyonaka-City, Osaka, Japan)
5. Specialized Field	Material science (Theory)
6. Responsibilities	・ Research in the area described above. ・ Educational activities for undergraduate and graduate school students ・ Administrative duties in Graduate School of Engineering Science and the University of Osaka
7. Qualifications	[Essential] Applicants must have: (1) A doctoral degree or equivalent professional expertise and/or achievement in the above field (2) Excellent research achievements in the above field (3) Business level or above Japanese and English language proficiency (4) A strong motivation to explore novel quantum materials and material functionalities from a theoretical perspective, beyond the boundaries of established research fields. (5) Ability and willingness to actively collaborate with researchers both within and outside the research group and to promote collaborative research.
8. Starting Date	April 1st, 2027 (or as soon as possible thereafter)
9. Term of Employment	No Fixed Term (Until the end of the fiscal year at 65 years of age)
10. Probationary Period	6 months
11. Employment Type	Based on “6. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Staff” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html *The Discretionary Labor System, Special Work Type will be applied with the applicant’s consent. (deemed working hours: 8 hours a day)
12. Salary and Benefits	Based on “18. Salary Regulations for National University Corporation Osaka University Staff Subject to New Annual Salary System” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html

13. Insurance	Medical insurance and employee's pension insurance of the Federation of National Public Service Personnel Mutual Aid Associations, Employment Insurance and Industrial Accident Compensation Insurance
14. Application Documents	Applications must be written in English or Japanese and include the following 1. A Curriculum Vitae *Please use the university form for educational/research positions available at the following website and indicate your preferred position (Associate Professor, Assistant Professor, or either position) in the blank space. https://www.osaka-u.ac.jp/en/news/employ/links 2. A list of research achievements (original papers (total number of citations needs to be listed), review papers, books, patents, presentations at international and domestic conferences) 3. Reprints of major original papers (Version of Record, up to 5 papers) 4. A list and an outline of awards and prizes 5. Record of research grants (e.g., KAKENHI), explicitly categorizing your role as either Principal Investigator or Co-Investigator. 6. An outline of research and education achievements (within two A4 pages) 7. A research plan and educational aspirations (within two A4 pages) 8. Name, affiliation, and contact information of two professional references who are willing to be contacted 9. For those whose native language is not English, copies of English proficiency certificate such as TOEFL, IELTS, TOEIC scores, a description of periods of residency outside Japan that demonstrate your English ability, or English related job experiences 10. For those whose native language is not Japanese, Copies of Japanese proficiency certificate such as a Japanese Language Test score, a description of periods of residency in Japan that demonstrate your Japanese ability, or Japanese related job experiences *Personal information in the application documents will only be used for the purpose of screening and hiring procedures, and will not be disclosed to any third party.
15. Sending Address and Contact Information	Please combine your PDF application documents into a single ZIP file and upload it using the [JREC-IN Portal Online Application]. https://jrecin.jst.go.jp/seek/SeekTop Contact Person: Professor Hikaru Kuramochi Tel: +81-6-6850-6241 E-mail: h.kuramochi.es@osaka-u.ac.jp
16. Application Deadline	No later than November 27th, 2026 (Japan Standard Time)
17. Selection Process	Document screening will be followed by interviews. Selected applicants will be notified within two weeks after the application deadline. *Travel and accommodation expenses necessary for interviews are to be covered by the applicant. For applicants residing overseas, the applicant may request an online interview. *Please note that unsuccessful applicants will not be contacted.
18. Additional Information	Concerning work conditions other than the above-mentioned, please refer to “3. Work Regulations for National University Corporation Osaka University Staff” and/or related regulations. https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change. After employment, the affiliation, work location, and responsibilities may be subject to change within the limits set by the University. “Deemed exports” related to security export control are based on “Regulations Pertaining to Security Export Control”.

	Rules and Regulations – The University of Osaka We also particularly encourage applications from female candidates. The University of Osaka is committed to promoting gender equality and providing various supports for female academic staff members. https://www.di.osaka-u.ac.jp/ The University of Osaka is committed to creating a harassment-free environment and conducts a variety of awareness-raising and educational activities. If you have any concerns or become aware of any inappropriate behavior, remarks, or treatment, please feel free to contact our consultation office. https://www.osaka-u.ac.jp/en/campus/life/prevention_sh/prevention_sh * The University of Osaka campuses and related facilities are smoke-free, except for designated areas.
19. Recruiter	The University of Osaka