

### Researcher Position in the Graduate School of Science, Osaka University

Outline	Koshino group, Department of Physics, Graduate School of Science, Osaka University, is now seeking a member of academic staff who can contribute to the development of theoretical studies on topological properties of 2D materials in the JST CREST project "Development of precisely-designed topological 2D materials".
1. Position	Specially Appointed Researcher (Full-time)
2. Number of Positions	1 (One)
3. Affiliation	Graduate School of Science (Department of Physics)
4. Work Location	Toyonaka Campus (1-1 Machikaneyama-cho, Toyonaka, Osaka, Japan)
5. Specialized Field	Condensed Matter Theory
6. Responsibilities	Theoretical study associated with the project "Development of precisely-designed topological 2D materials" in JST CREST "Creation of Core Technology based on the Topological Materials Science for Innovative Devices". Theoretical calculation of electronic structures in 2D-material-based superlattices and nanostructures, and exploration of topological electronic states and novel physical properties.
7. Qualifications	[Essential]  Applicants must have a doctoral degree (or expected to have by the starting date).
8. Starting Date	April 1st, 2021 (or as soon as possible thereafter)
9. Term of Employment	From the starting date to March 31st, 2022. *Following completion of the term, the contract may be extended subject to evaluation (the extension limit will be March 31st, 2026 on which the CREST project ends).
10. Probationary Period	6 months
11. Employment Form	Based on "37. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Limited Term Staff" <a href="https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</a> *The Discretionary Labor System, Special Work Type is applied (deemed working hours: 8 hours a day)
12. Salary and Benefits	Based on "46. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially appointed Staff, etc.) Subject to Annual Salary System" <a href="https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</a>  Remuneration: 5,605,800 JPY per annum. (Monthly payments of one-twelfth of annual salary) Commuting allowance Bonuses and allowances for housing, dependency, and retirement are included in the

	above-mentioned annual salary and will not be paid separately.
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	<p>Applications must be written in English or Japanese and include the following:</p> <ol style="list-style-type: none"> <li>1. A Curriculum Vitae (photo attached) *Please use the university form "for educational/research positions" available at the following website. <a href="https://www.osaka-u.ac.jp/en/news/employ/limit_term">https://www.osaka-u.ac.jp/en/news/employ/limit_term</a></li> <li>2. An outline of research achievements (within two A4 pages)</li> <li>3. Reprints of major original papers (within 3)</li> <li>4. A list of research achievements (original papers, review/tutorial papers, books, presentations in international/domestic conferences, awards, prizes and research fundings)</li> <li>5. Name, affiliation, and contact information of at least two professional references who are willing to be contacted about the applicant</li> </ol> <p>*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.</p>
15. Sending Address and Contact Information	<p>Applicants must submit a single PDF file (less than 10MB) including the above materials to the e-mail address below by the deadline. The title of the email must be "Researcher position in Koshino group".</p> <p>Contact Person: Professor Mikito Koshino Tel: +81-6-6850-5742 E-mail: <a href="mailto:koshino@phys.sci.osaka-u.ac.jp">koshino@phys.sci.osaka-u.ac.jp</a></p>
16. Application Deadline	January 29th, 2021 (Japan Standard Time), or until the position is filled.
17. Selection Process	<p>Document screening is followed by interviews for only selected applicants. *Travel and accommodation fees necessary for interviews are to be covered by the applicant. The interview may be held online.</p>
18. Additional Information	<p>Concerning work conditions other than the above-mentioned, please refer to "Work Regulations for National University Corporation Osaka University Limited Term Staff" and related regulations. <a href="https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</a></p> <p>Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change.</p> <p>We welcome applications from highly motivated female candidates. Osaka University is committed to promoting gender equality and providing various supports for female academic staff members. <a href="http://www.danjo.osaka-u.ac.jp/en_lp/">http://www.danjo.osaka-u.ac.jp/en_lp/</a></p> <p>*Osaka University campuses and related facilities are smoke-free, except for designated areas.</p>

19. Recruiter

National University Corporation Osaka University