

**Faculty Position in Research Center for Ultra-High Voltage Electron Microscopy,  
Osaka University**

Outline	Research Center for Ultra-High Voltage Electron Microscopy, Osaka University is now inviting applications for a Professor committed to research and educational activities in the field of electron microscopy theory.
1. Position	Professor
2. Number of Positions	1 (One)
3. Affiliation	Research Center for Ultra-High Voltage Electron Microscopy
4. Work Location	Suita Campus (7-1 Mihogaoka, Ibaraki, Osaka, Japan)
5. Specialized Field	Electron microscopy theory
6. Responsibilities	The mission is building of the basic science of advanced characterization based on transmission electron microscopy theory and research on the utility of ultra-high voltage electron microscopy. Quantitative evaluation of image contrast by the multiple scattering phenomenon of high energy electron beams in a thick film material based on the theoretical and experimental analysis of transmission electron microscope imaging, and its application field are the research targets. Based on ultra-high voltage electron microscopy, education and research to contribute to the academic development of electron microscopy and the realization of innovation, which are characterized by the development of a new electron beam imaging method using phase information, are requested in the job. Additionally, as a member of joint-use research facility at the university, it is essential to have the ability to engage in research support works such as electron microscope observations for users inside and outside the university.
7. Qualifications	[Essential] An applicant must have: (1) Ph.D. or equivalent in related field/s (2) Outstanding research results in specialized fields and ability for teaching at graduate and undergraduate level. (3) Ability to communicate in Japanese at a conversational level (4) English language ability sufficient to fulfill one's work duties
8. Starting Date	April 1st, 2021 (or as soon as possible thereafter)
9. Term of Employment	No Fixed Term (Until the end of the fiscal year of age 65)
10. Probationary Period	6 months
11. Employment Form	Based on the "6. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University 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 the "10. Salary Regulations for National University Corporation Osaka University Staff" *Please be informed in advance of our new annual salary system. This new system defines that the new annual salary consists of basic salary and performance-based bonus, and it will also pay allowances for commuting,

	housing, and dependency as well as retirement allowance. Our new annual salary system may apply if your employment period starts after 1 April 2021 <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>
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 available at the following website. <a href="https://www.osaka-u.ac.jp/en/news/employ/en/news/employ/academic_staff/index.html">https://www.osaka-u.ac.jp/en/news/employ/en/news/employ/academic_staff/index.html</a></li> <li>2. List of research achievements and academic publications (Please classify publications into categories such as [1] original papers, [2] international conference papers, [3] review papers, tutorial papers, [4] books, [5] patents and [6] others. Indicate the h-index and the total citation number of the applicant, as well as the impact factor, the citation number and FWCI of each paper.)</li> <li>3. Five or less separate prints of your major original papers (photocopies acceptable)</li> <li>4. Activities in academic societies, international conferences, and general societies</li> <li>5. Titles and outlines of prizes or awards you have received.</li> <li>6. Grants received in the last five years (Indicate whether you receive/d them as a research representative or a co-researcher)</li> <li>7. Content and achievements of your major research projects and their educational activities (to two A4-size pages)</li> <li>8. Research plans and a statement of educational aspirations (to two A4-size pages)</li> <li>9. Names and contact information of three references</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. *Submitted application documents will not be returned.</p>
15. Mailing Address and Contact Information	<p>(By postal mail) Hidehiro Yasuda (Director, Professor) Research Center for Ultra-High Voltage Electron Microscopy, Osaka University 7-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan</p> <p>*Write 'Application for faculty position' on the envelope in red ink. *Send application documents by registered mail.</p> <p>Contact Person: Hidehiro Yasuda Tel: +81-6-6879-7941 E-mail: <a href="mailto:yasuda@uhvem.osaka-u.ac.jp">yasuda@uhvem.osaka-u.ac.jp</a></p>
16. Application Deadline	Must arrive no later than 10th December 2020. (Japan time)
17. Selection Process	<p>Document screening is followed by interviews. Selected applicants will be notified within two weeks after the application deadline.</p> <p>*Travel and accommodation fees necessary for interviews are to be covered by the applicant. For applicants residing overseas, the applicant may request to arrange an online interview.</p> <p>*Please note that unsuccessful applicants will not be contacted.</p>

18. Additional Information	<p>Concerning work conditions, please refer to “Work Regulations for National University Corporation Osaka University 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>  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>  *Osaka University campuses and related facilities are smoke-free, except for designated areas.</p>
19. Recruiter	National University Corporation Osaka University