

Recruitment of Professor (Full-Time)

The Institute of Scientific and Industrial Research, Osaka University

Position	Professor (Full-Time)
Number of Position	1 (One)
Place of Employment	Devison of Material and Beam Science, The Institute of Scientific and Industrial Research, Osaka University, Suita, Osaka, Japan
Responsibilities	<p>It is expected for the professor of this position to develop renewable materials, which will contribute to the society in the future, based on fundamental science that clarifies the ultimate function of materials. It is expected also to enhance the value of the newly developed materials toward the IoT world and further exploit their applications.</p> <p>The professor is engaged in studies of structural control of materials derived from the nature, such as plant and animal fibers, and investigation of the basic process of their various phenomena from nano to micro levels. Utilizing the functions and structural properties of the newly derived materials, he/she is expected to create cutting-edge materials.</p> <p>Thus, for abundant natural resources, it is aimed at attaining sustainable renewable features, superior optical/electrical or chemical properties, light weight, high intensity, and/or long life, by using molecular scientific properties of natural materials and adding new functions.</p> <p>In this way, to solve significant problems lying in our country, the professor is expected to promote the research in development of materials for super small-sized, high sensitive, flexible sensors, devices for generation, storage, saving of energy, and those for improvements of living environment.</p> <p>After joining the Institute, the professor will be involved in the research and education also in the Division of Applied Chemistry, Graduate School of Engineering, Osaka University.</p>
Qualifications	<ul style="list-style-type: none"> ● Must have a Ph.D. degree. ● Must have excellent research achievements in his/her research area. ● Must have the ability of teaching courses for graduate students and supervising Ph.D. candidates.
The Term of Employment	Starting Date: Around August, 2017. No Fixed Term
Working Hours	Based on the 'Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Staff.' ※ Discretionary Labor System, Special Work Type http://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html
Salary and Benefits	Based on the 'Salary Regulations for National University Corporation Osaka University Academic Staff Subject to Annual Salary System.'

	http://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html
Insurance	Insurance of the National Public Service Personnel Mutual Aid Associations Employment Insurance and Workers' Accident Compensation Insurance
Application Method	<p>Application Documents:</p> <ol style="list-style-type: none"> ① Curriculum Vitae (photo of the applicant must be attached) ② List of research achievements <ol style="list-style-type: none"> (1) Original peer reviewed papers (name of all the authors, and initial and final page numbers must be included) (2) International conference papers (3) Review articles, Survey papers, Tutorial papers (4) Books (5) Patents (6) Total number of citations and the list of top 10 high-citation original papers with the number of citations. ("web of science" should be used. If other tool is used, its name must be written.) (7) List of prizes and awards. (8) List of external funds obtained as a principal investigator. (Amount of the fund, funding agency/system, duration, title of the research must be written.) (9) List of invited lectures at international conferences. (10) Principal papers (up to five(5)). (The impact factor of journals and the number of citations must be written individually. Reprints or photocopies must be attached.) (11) Outline of researches and their achievements. (Relations to the principal papers must be clearly described within two A4-size pages including figures and/or formulas, etc.) (12) Research plan after joining the Institute. (Up to two A4-size pages including figures and/or formulas, etc.) (13) Short essay expressing aspiration towards education. (Up to one A4-size page.) (14) Names and contact information of two references. <p>Selection Process:</p> <ul style="list-style-type: none"> ● First screening (Based on submitted documents) ● Second screening (Based on interviews) <p>The way of submission: Submit all the above mentioned documents in the PDF format to: shizen@sanken.osaka-u.ac.jp The total volume of the files should not be more than 10MB.</p> <p>For more information: Professor Hikaru Kobayashi Department of Semiconductor Materials and Processes, The Institute of Scientific and Industrial Research, Osaka University</p>

	<p style="text-align: center;">Tel: 06-6879-8450 E-Mail: h.kobayashi@sanken.osaka-u.ac.jp</p>
Application Deadline	<u>Must arrive no later than 17:00 February 20, 2017 (Monday) Japan Time.</u>
Additional Information	<p>Submitted documents will not be returned. (Submitted Information will only be used for this recruiting process and never be used for any other purpose. After the selection process, they will securely be deleted.)</p> <p>As for other working conditions, please refer to ‘Work Regulations for National University Corporation Osaka University Staff’ and other regulations for work and other related conditions. http://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</p> <p>Information here is subject to change. Please confirm details at interview, etc.</p>