

**Invitation for Faculty Position Applications at the Department of Engineering and Applied Sciences,
Faculty of Science and Technology, Sophia University**

The Faculty of Science and Technology, Sophia University is inviting applications for one (1) full-time faculty position at the Department of Engineering and Applied Sciences.

1. Name of position and number of persons to be employed: One (1) person for the position of assistant professor or associate professor
*The maximum term of an assistant professor is five years with the possibility of promotion to a tenured position.
2. Field of expertise (research area): Condensed Matter Theory (Superconductivity, Semiconductors, Magnetism, Topological Materials, Quantum Information, Machine Learning, etc.)
3. Teaching duties (tentative):
Quantum Mechanics I, Exercises of Quantum Mechanics, Mathematical Physics, Basic Physics, Engineering and Applied Sciences Lab. I, Graduation Research I, Graduation Research II, Method of Theoretical Physics (Graduate School) (a total of 8.5 classes)
*Scope of Change : The duties determined by the Sophia School Corporation.
4. Overview:
 - Sophia University is founded on the teachings of Christianity and the Catholic spirit, and one of the pillars of education at the Faculty of Science and Technology is its outstanding internationalism. We are seeking applicants who understand not only the University's founding spirit but also its high degree of internationalism and English language-oriented educational policy with enthusiasm for education.
5. Qualifications for application:
 - The applicant must have obtained or be on track to obtaining a doctoral degree in physics or related fields by the time they take up the position.
 - The applicant must be able to give lectures in English. It is preferable to be able to give lectures in Japanese.
 - The applicant must be actively engaged in education and research and be able to assist in entrance examination-related matters and other duties as required by the university.
6. Employment start date: April 1, 2025
7. Place of employment: Yotsuya Campus, Sophia School Corporation/Sophia University
*Scope of Change : The campuses determined by the Sophia School Corporation.
8. Documents to be submitted (by e-mail):
 - 1) Curriculum vitae (A4 size paper; include an e-mail address and a photograph of the applicant.)
 - 2) List of past research results (A4 size paper; include the digital object identifier (DOI) of published research, if available, and external funding such as a grant-in-aid for scientific research or patents.)
 - 3) Reprints of approximately five major research papers
 - 4) Summary of educational and research achievements (A4 size paper, approx. 2000 characters in Japanese or 1000 words in English)
 - 5) Aspirations for education if accepted for the position (A4 size paper, approx. 2000 characters in Japanese or 1000 words in English)
 - 6) Names and contact details (professional affiliation, phone number, e-mail address, etc.) of two reference persons
*Please send the application documents as respective PDF files to the e-mail address shown below.
You may use a file transfer service if the file size is too large to send by e-mail.
Please provide your name, professional affiliation, telephone number, e-mail address, and postal address (including postal code) in the body of your e-mail.
e-mail: dp-eas-ofc-co@sophia.ac.jp (Office of the Department of Engineering and Applied Sciences)
e-mail subject name: "Application for full-time faculty position at Sophia University's Department of

Engineering and Applied Sciences (applicant's name)"

*We will issue an acknowledgment of receipt by email after receipt of the application email. Please contact us again if you have not received the acknowledgment of receipt email after two business days.

*Personal information in the submitted documents shall be used only in the faculty position screening process and handled appropriately following the Act on the Protection of Personal Information.

9. Deadline for application: All documents shall be sent and received by Sunday, June 30, 2024.
10. Inquiries on application: Dr. Masafumi Miyatake, Chairperson, Department of Engineering and Applied Sciences, Faculty of Science and Technology, Sophia University
7-1 Kioi-cho, Chiyoda-ku, Tokyo 102-8554
e-mail: miyatake@sophia.ac.jp
*No inquiries on screening details or results shall be accepted.
11. Screening method
 - First screening: Screening of documents
 - Second screening: A second screening shall be conducted only for those who pass the first screening. An interview shall follow after the applicants introduce their research and future research and education plans if accepted for the position in an open seminar and a mock lecture in English. Applicants who pass the first screening shall be individually informed of the date and time and other details of the second screening. In principle, the second screening shall be conducted in person at the University, but it may be conducted via the Internet if the applicant is from overseas and cannot come to the University.
12. Others
 - We welcome proactive applications from foreign nationals, female researchers, and applicants who obtained their Ph.D. overseas.
 - In the case of foreign nationals, Japanese language skills are preferred. In addition, submission of all documents listed in no. 7 (except 3) in Japanese is preferred.
 - In the case of native Japanese applicants, those with overseas post-university study or research experience are preferred.
 - The screening details will not be made public.
 - The submitted documents will not be returned.