

Announcement of Faculty Position

*Faculty of Mechanical Engineering
Institute of Science and Engineering, Kanazawa University*

1. Position:

Assistant Professor, 1 position available.

2. Affiliation:

Faculty of Mechanical Engineering, Institute of Science and Engineering, Kanazawa University.

<https://www.se.kanazawa-u.ac.jp/en/mechanic>

3. Specialized field:

Optics, Photonics

4. Research area:

Research and development on photonic and optoelectronic neuromorphic computing, reservoir computing, and optical neural networks in collaboration with Prof. Satoshi SUNADA, who is promoting "Photonic computing based on optical multiplexing" as a Principal Investigator of Grant-in-Aid for Transformative Research Areas (A) on KAKENHI.

5. Type of employment:

Full-time job.

Term of office: until March 31st, 2027. (Employment is renewed every fiscal year.).

(If you are currently working at our university and work continuously, the total term of office, from the current term to the next term, cannot exceed 10 years.).

6. Salary and benefits:

Annual salary system is applied according to Kanazawa University's regulations.

7. Qualification requirements:

- (1) The candidate must be a researcher with a doctoral degree (including those who are expected to have a doctoral degree by the time of appointment).
- (2) The candidate should have sufficient communication skills in English and/or Japanese.
- (3) The candidate should be motivated to conduct the research on photonic and optoelectronic computing

8. Arrival time at the post:

April 1st, 2024, or any early possible date afterwards.

9. Documents for applications (A4 size paper):

- (1) Curriculum vitae with a recent photograph of the face, describing present address, phone number, e-mail address, academic career (including the title of doctoral dissertation), research career, professional career and others,
- (2) List of research activities, including original scientific papers, book chapters, other publications, presentations in scientific meetings, awards and others. Note; names of the co-authors in individual papers should be indicated in appearance order,
- (3) Research activities, and conference and social activities,
- (4) List of research support (duration, name of grant, title of research, and amount of money should be included.),
- (5) Aspirations for research,
- (6) Details of research and educational experiences (1 page),
- (7) Two referees who can provide recommendation information (Name, affiliation, E-mail address and phone number),
- (8) Hard copies of the 3 most important papers,

*For the above 1) - 5), please use the MS word format located at

<https://www.se.kanazawa-u.ac.jp/en/campanies-and-reserchers>

10. Deadline for application:

November 30th, 2023 (due NLT).

11. Address of application:

All the materials for the application should be sent as PDF files to:

Prof. Satoshi SUNADA

E-mail: sunada@se.kanazawa-u.ac.jp

* Applications should be sent with E-mail subject “Application to Faculty Position on Optics and Photonics”.

*The maximum size of one email is 10MB. If you need to send more than one email, please let us know.

*After receiving the file(s) by email, we will send you a receipt notification by email. If there is no notification of reception within 24 hours, the reception has not been completed. Please send file(s) again.

12. Contact person:

Prof. Satoshi SUNADA, Faculty of Mechanical Engineering, Institute of Science and Engineering, Kanazawa University

E-mail: sunada@se.kanazawa-u.ac.jp

13. Selection process:

After reviewing the submitted documents, shortlisted candidates will be requested to have a presentation using Zoom.

14. Additional information:

- (1) All of the documents should be sent to the postal address provided above, the submitted documents will not be returned.
- (2) The website below gives information about employment regulation.
<https://www.kanazawa-u.ac.jp/university/administration/regulation/rules> (in Japanese)
- (3) Kanazawa University also promotes the courses delivered in English under the internationalization policy.
<https://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html>
- (4) Kanazawa University promotes the development of diversity in the research and education environment.
<https://ipdi.w3.kanazawa-u.ac.jp/en/>
- (5) The Institute of Science and Engineering welcomes applications from female researchers in accordance with the purport of the Basic Act for Gender Equal Society.