

Position opening: Associate Professor

Director RCNP
NAKANO Takashi

The Research Center for Nuclear Physics (RCNP) at the University of Osaka invites applications for an Associate Professor position. We are seeking an outstanding candidate with expertise in developing data acquisition systems for nuclear physics and accelerator science to join our faculty.

1) Position: Associate Professor (full-time)

2) Affiliation: Data Acquisition Infrastructure Division (DAID), RCNP,
The University of Osaka

3) Workplace: Suita campus of The University of Osaka
(10-1 Mihogaoka, Ibaraki, Osaka, 567-0047, JAPAN)

4) Employment period: Permanent (Until the end of the fiscal year at 65 years of age)

5) Research field and mission:

The appointee will play a central role in the research and development of indispensable technologies for a next-generation, high-speed, and high-efficiency data acquisition system applicable across a wide range of experiments scales from RCNP to EIC. This scope encompasses areas such as ASICs, advanced front-end electronics, distributed software frameworks, high-speed data processing, AI applications in physics experiments, and automation of experiments. The candidate will support the management of the SPADI Alliance, an open development platform for data acquisition systems, by collaborating and networking with institutions and researchers within and outside the university, thereby driving the technical standardization of the system and its associated technologies. In addition, the appointee is expected to actively cooperate with experimental and accelerator research initiatives promoted by the RCNP, while also involved in educational activities.

6) Applicant Requirements: (1) Ph.D. in the field or equivalent expertise and experience, (2) Research achievements in the field relevant to the mission, and (3) Proficiency with communication in Japanese or English language.

7) Probation period: 6 months

- 8) Start of the term: as early as possible after official acceptance.
- 9) Salary: following the rule of The University of Osaka standards. See the document number 18 of the work regulations from the URL indicated in 17. Miscellaneous (1).
- 10) Workstyle: following the rule of The University of Osaka standard. See the document number 6 of the work regulation from the URL indicated in 17. Miscellaneous (1).
*The Discretionary Labor System, Special Work Type will be applied with the applicant's consent. (deemed working hours: 8 hours a day)
- 11) 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.
- 12) Selection method: based on application documents. We may ask for an interview in case needed.
* For applicants residing overseas, the applicant may request an online interview.
* Travel and accommodation fees necessary for interviews are to be covered by the applicant.
* Please note that unsuccessful applicants will not be contacted.
- 13) Application materials: (1) Curriculum Vitae, (2) Brief description of research career/ experiences, (3) Achievement list (publications, invited talks in international conferences, and research funds), (4) Copies of major publications (5 at maximum), (5) Research plan at RCNP and aspirations if employed, (6) Contact information on at least two persons for asking a reference letter.
*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.
- 14) Application deadline: August 31, 2026.
- 15) Way of submission: Prepare all the above application materials (1)-(6) combined in a single PDF file. Please contact the following address one week before the deadline or earlier to receive the submission instruction:
Director Professor NAKANO Takashi
Research Center for Nuclear Physics (RCNP), The University of Osaka
email: director@rcnp.osaka-u.ac.jp
* Please make the subject line "Application for Associate Professor, RCNP Z-903"
* If you have not received any instructions on how to send your application within 3 days after sending the e-mail, please contact us again as soon as possible.

16) For detailed information on DAID and the position, please contact:

email: apply-jinji2026-associate@rcnp.osaka-u.ac.jp

- Professor OYAMA Ken

17) Miscellaneous

(1) Work regulations of The University of Osaka are described on the following page:

https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html

(2) Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change.

(3) After employment, the affiliation, work location, and responsibilities may be subject to change within the limits set by the University.

(4) "Deemed exports" related to security export control are based on "Regulations Pertaining to Security Export Control".

https://www.osaka-u.ac.jp/en/research/policy/secur_exp/regulations

(5) The University of Osaka is committed to promoting gender equality and providing various supports for female academic staff members.

http://www.di.osaka-u.ac.jp/en_lp/

(6) The University of Osaka campuses and related facilities are smoke-free, except for designated areas.

18) Caller: The University of Osaka