

Position opening for a Postdoctoral Researcher in Japan Advanced Institute of Science and Technology (JAIST)

- * **Position** : Researcher
- * **Working place** : Transition Arena for Quantum Materials and Information Sciences (taQumi), Japan Advanced Institute of Science and Technology (1-1, Asahidai, Nomi, Ishikawa)
- * **Research:**
Quantum sensing and imaging using (scanning) NV magnetometry probes for quantum technology applications (under collaboration with associate profs. T. An (<https://www.an-laboratory.com>)).
- * **Requirements** :
Those who have a doctoral degree and are interested in research fields related to quantum technologies, especially quantum sensing and imaging. We welcome those who have experience in the development of diamond NV center magnetometry systems and/or scanning probe microscopes, such as AFM and STM.
- * **Starting date** : As soon as possible
- * **Contract** : One fiscal year (Apr. to Mar.), with possible extension until March 31, 2030. *Renewal/nonrenewal of the contract will be judged by researcher's progress and performance at work by the end of the first contract.
- * **Working days and hours** :
Working days: Mondays – Fridays
Start time: 8:30, Finish time: 17:15 (Break time: 12:00 – 13:00)
Days off: Saturdays and Sundays, National holidays, Year-end and New Year holidays (from December 29 to January 3), Anniversary of the founding of JAIST (October 1)
Annual paid leave is available after 6 months from the starting date of your employment, in case that you attend 80% of all your working days. Special leave (paid or unpaid) is available, if applicable. Presence of overtime and Holiday work may occur.
- * **Salary** :
 - ①The annual salary system will be applied. Your salary is determined on the basis of your educational background and job experience, etc. in accordance with the JAIST rules. Monthly wage salary (1/12 of annual salary amount) and various allowances (see below) are paid.
 - ②Commuting allowance will be provided if the employee satisfies the condition. (the commuting distance is more than 2km, and uses either public transportation, car or both) (Max : ¥55,000 / month)
 - ③Housing allowance will be provided if the employee satisfies the condition. (rent exceeding 16,000 yen per month) (Max : ¥28,000 / month)
 - ④Employee shall join; Employment insurance, Health insurance and Employee's and pension insurance
- * **Probation**: 6 months from the starting date of employment
- * **Application materials**:
 - (1) Curriculum Vitae
 - (2) Publication list including your contributions
 - (3) Summary of your past research and future prospects (one page in A4 or in letter size)
 - (4) Possible starting date
 - (5) Names and contact addresses of two (or more) references
 - (6) Your full contact address including e-mail addressApplication materials should be sent via email or post to the contact address below.
- * **Deadline** : Application invitation is open until the position is filled.
- * **Selection procedures**:
 - ①After document screening, the shortlisted candidates will be invited for interviews.
*You can request online interview.
 - ②Any travel expenses for the interviews must be paid by the applicants.

* **Additional information** : In case of commuting by car, parking fee for municipal parking lot next to JAIST must be paid by oneself (¥1,045 / month, ¥10,450 / annual contract).

* **Contact** :

For more details in the research project, please contact:

AN, Toshu, Associate Professor

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