University of Miyazaki
Call for application for a tenure track researcher in 2021
(Research field: Semiconductor Engineering)

Tsuyomu Ikenoue
Dean of Institute for Tenure Track Promotion
President of University of Miyazaki

● General Information

University of Miyazaki has set up an organization titled “Institute for Tenure Track Promotion (ITTP)” for promoting a tenure track (TT) system.

This time, we provide a one tenure track position for young scientists. Research funds and independent research environments will be provided a successful applicant. The employed researcher will be expected to effectively and successfully develop his/her research during 5 years. Appointed TT researcher achieving excellent performance during the term of employment will be promoted to an associate professor position, in principle, in the related faculty or institute through the tenure examination in the fifth year. Please read the following application guidelines. We expect that you will apply to this call.

● Research and education area / Related institute for the candidate

Research areas: Semiconductor engineering fields including, semiconductor functional material-related, new semiconductor application technology-related, semiconductor analysis-related, etc.

We are looking for candidates who have excellent research ability of higher performance semiconductors for decarbonization in semiconductor engineering areas.

Position: tenure-track assistant professor

● Application guidelines

1. Qualifications
   (1) A doctoral degree is required. The age of the tenure track researcher should be less than 40 years old on the 1st of April, 2022 (According to Enforcement Regulations for the Employment Measures Law in Japan). The candidate should be actively promoting education and research in the fields of semiconductor engineering, and also has the ability and enthusiasm for regional and international contribution. In addition, the candidates should have the capacity to correspond to supervisors in graduate and undergraduate education.
   (2) The applicants must be able to communicate in English. The TT researcher will be expected to develop the ability to communicate in Japanese during the period. This is because he/she will have to teach students after promoting a tenured position.

2. Research funds and environment, participation in education, and other support systems
   To enable the TT researcher to develop all-round academic capabilities, the conditions given below will be provided.
   (1) Research funds
      An annual research fund is 2.5 million yen including a start-up fund for the first fiscal year (if a successful applicant is already a staff member of the University of Miyazaki, this will be 2 million yen), 1 million yen for the second, third and fourth years and 600 thousand yen for the fifth year. If the starting day of employment is the middle of the year, this fund is supplied quaternary in the first and the last year.
   (2) Research environment
      (a) The TT researcher belongs to the Institute of Tenure Track Promotion during his/her TT term.
      (b) The TT researcher can concentrate on his/her research with an effort of more than 60%.
      (c) Dedicated research space will be provided to the TT researcher.
(d) The TT researcher has free access as a user to all experimental equipment that has already been set up at the Frontier Science Research Center and the Center for Collaborative Research and Community Cooperation in the University.

(e) Mentoring is provided by a coordinator and “troika supporters”, consisting of two faculty members of the university and one researcher outside the university.

(3) Participation in education
(a) From the second year, the TT researcher will be partially involved in the education of undergraduate and graduate students to gain teaching skills and experiences.
(b) The TT researcher will be able to supervise graduate student(s) who wish to study with the TT researcher (by negotiation).

(4) Participation in administrative task
The TT researcher is basically exempted from the management businesses.

(5) Other support systems
(a) When the female TT researcher has childbirth, she can use maternity leave. He/she can use child-care leave, nursing leave, a nursing room, a nursery. Female TT researchers will be assisted by the Kiyohana Athena Support Room. See details at the following URL: http://www.miyazaki-u.ac.jp/kiyohana/english/index.html
(b) International TT researcher will be supported by the English-speaking staffs of the ITTP Office and the Global Support Office of the Center for International Relations. The University also provides Japanese language classes for international researchers and their families.

Note: To promote a gender-equal society, we strongly encourage applications from female candidates in this call.

3. Salary and other conditions
(1) Salary will be based on the annual salary system of the University of Miyazaki. Health insurance, long-term care insurance, employee pensions, employment insurance, and occupational injury insurance will be paid by individual employees and the University of Miyazaki under relevant Japanese legislation.

(2) Term of employment: 5 years

(3) Evaluations: Research progress and achievements against the established goals will be evaluated in the third year of the term (interim evaluation), and again in the fifth year (tenure examination). The TT researcher demonstrating, in the tenure examination, his/her excellent scientific achievements that meet the criteria for the appointment of a tenured researcher of the University will be promoted to an associate professor position, in principle, in the corresponding faculty of the University. If the interim evaluation assesses the research progress of the TT researcher as excellent, the University may offer a tenured position in the fourth year of the term. The ruled salary system of University of Miyazaki will be applied to the researcher who will be promoted to the tenured position.

(4) Evaluation criteria:
Interim evaluation criteria
(a) Self-evaluation of the achievements towards goals which will be established at the time of appointment,
(b) Leadership and research networking,
(c) Independence in research activity, including the status of funding from the outside of the University,
(d) Research achievement in the scientific paper publication record,
(e) International skills for researchers,
(f) Teaching skills for undergraduate and graduate students.

Tenure examination criteria:
Progress/improvement after the interim evaluation of (a) - (f).
(g) Future potential (including your perspective, how to contribute to the future of the University of Miyazaki).

If the TT researcher gets childcare leave, the duration will be taken into consideration in the tenure examination. The tenured position has already been prepared.

(5) Safety net: If the TT researcher is judged as “unsuitable for the tenured position”, he/she can stay at the University of Miyazaki for an additional one year after the end of employment term with modifying his/her job position.
4. Application documents
(1) Application Form
Please download the application form in http://www.miyazaki-u.ac.jp/ttkikou/en/application-information and complete it.

(2) List of publications and presentations
Include original articles in peer-reviewed journals, reviews, books, presentations at academic and scientific meetings, etc. For original articles, please underline the applicant’s name and indicate the corresponding author(s) using [ * ]. Representative publications listed in (6) given below must be indicated using [X] at the head of the respective sentence. For presentations at scientific meetings, list only major presentations, including an invited oral presentation.

(3) List of research fund(s) received, awards, patents, etc.
For research funds, specify whether you were the principal investigator or a research team member.

(4) Summary of research accomplishments
Describe your role in the representative publications. If you are neither the first nor the corresponding author of the publications, clarify your contributions to them.
(Maximum two pages, font size more than 10.5 points, figures included.)

(5) Five-year research plan and targeted goal(s)
(Maximum two pages, font size more than 10.5 points, figures included.)

(6) Reprints of the representative publications (5 articles or less)

(7) Letters of recommendation from 2 referees (one page for each is appropriate).

5. How to apply
Please send application documents (1)-(6) in PDF format by e-mail to the ITTP Office (see the e-mail address in Section 7). When submitting documents, please put the “Application for a TT researcher position” in the subject line. Confirmation of receipt of application documents will be sent by e-mail within seven working days. If you do not receive the e-mail, please notify us.
Recommendation letters (7) should be sent directly to our office from referees by post (to the address specified in Section 7) or by e-mail. Applicants must include a list of the two referees with their addresses and contact information in the application form.
Personal information is protected under Japanese law and the rules of the University of Miyazaki. Further inquiries may be made from our office, if necessary, during the selection process.
Note: Application documents will not be returned. Travel expenses for the applicants attending the interview cannot be supported by the University of Miyazaki.

6. Selection schedule
(1) Closing date for submission of application documents (1)-(7) by e-mail:
5:00 pm, 14 of June, 2021 (Japan Standard Time)
(2) First screening involving review of documentation: Beginning of July, 2021
(3) Second screening involving interviews and seminar presentations: Late August, 2021
(4) Final selection: Late August, 2021~Beginning of September 2021
(5) Expected starting date as a TT researcher: 1st of November, 2021:
In the fiscal year of 2021.

7. Contact information for application submissions and inquiries
Tenure Track Promotion Office
Research Management and International Affairs Department
University of Miyazaki
Miyazaki 889-2192, Japan
FAX: +81-985-58-7675
E-mail: ttoffice@of.miyazaki-u.ac.jp
URL: http://www.miyazaki-u.ac.jp/ttkikou/
Communication by email is preferred.
*Please note that we are available for responding only on business days (this excludes
Saturdays, Sundays, and Japanese national holidays).