

## Announcement of Faculty Position

*Advanced Manufacturing Technology Institute (AMTI), Kanazawa University*

**1. Position:**

Assistant Professor

**2. Affiliation:**

Advanced Manufacturing Technology Institute (AMTI), Kanazawa University  
<http://amti.w3.kanazawa-u.ac.jp/>

**3. Field of specification:**

Industrial engineering / Manufacturing technology or Computational engineering / Computational mechanics.

Especially, we require prospective applicants who can research on manufacturing technology of metal additive manufacturing (Metal AM) or laser processing by using computer simulation technology. After getting the position, the applicant belongs to "the Digital Twin Division" in the design technology area of AMTI. The applicant will do research on the development or application of simulation technology for metal processing in cooperation with AMTI members.

**4. Education:**

- 1) School of Mechanical Engineering and School of Frontier Engineering, College of Science and Engineering, Kanazawa University
- 2) Division of Mechanical Science and Engineering, Graduate School of Natural Science and Technology, Kanazawa University (Assistant Professor is responsible to Masters Level S section only)

**5. Subject responsible for:**

- 1) Undergraduate course: Subjects related to solid mechanics such as Strength of Material, Computational Mechanics, Seminar on Mechanical Engineering and General Education.
- 2) Graduate course: Subjects related to Field of Specification.

**6. Employment status:**

Full-time. In principle, fixed-term until March 31, 2022

**7. Compensation:**

Annual salary system is applied.

**8. Qualification requirements:**

- 1) The candidate should have Ph.D in relevant discipline at the date of arrival.
- 2) The candidate should have enthusiasm for education and research.
- 3) The candidate should take a progressive approach to collaboration with industries and universities.
- 4) The candidate should have excellent communication skills in both English and Japanese.

**9. Arrival date:**

April 1, 2020.

**10. Documents for applications (in free format at A4 size paper)**

- 1) Curriculum vitae,
- 2) List of publications,
- 3) Hard copies of the 3 most important papers,
- 4) List of activities in academic society,
- 5) List of research grants acquired,
- 6) Details of research and educational experiences (2 pages),
- 7) Brief three-year research plan and teaching philosophy (1 page),
- 8) One referee (Name, affiliation, E-mail address and phone number)

**11. Deadline for application:**

December 27, 2019 (due NLT)

**12. Selection process:**

After reviewing the submitted documents, shortlisted candidates will be requested to come to Kanazawa University for presentation and interview. In that case, travel expenses (including overseas travel from a foreign country to Japan) will not be covered.

**13. Postal address:**

Prof. Shoji MORIMOTO, Chair of Advanced Manufacturing Technology Institute (AMTI),  
Kanazawa University, Kakuma-machi, Kanazawa 920-1192, Japan

**14. Contact person:**

Prof. Jiro SAKAMOTO

Tel: +81 76 234 4668, E-mail: sakamoto@se.kanazawa-u.ac.jp

**15. 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.  
*<http://www.kanazawa-u.ac.jp/university/administration/regulation/rules> (in Japanese)*
- 3) Kanazawa University supports applicants from female scholars and promotes the co-activities of male and female scholars.  
*<http://cdl.w3.kanazawa-u.ac.jp/index.html> (in Japanese)*
- 4) Kanazawa University also promotes the courses delivered in English under the internationalization policy.  
*<https://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html>*