

Job Opportunity at Department of Micro/Nano Mechanical Science and Engineering, Graduate School of Engineering, Nagoya University

1. Open position One professor (tenured)
2. Affiliation Department of Micro/Nano Mechanical Science and Engineering, Graduate School of Engineering, Nagoya University
3. Research field The candidate should be able to lead the development, deepening, and growth of academic fields in the micro/nano engineering based on mechanical engineering, aiming at the creation of scientific and technological innovations, through projects, etc.  
  
The candidate should be able to demonstrate the vision and feasibility of pioneering new mechanical engineering from a micro/nano perspective, especially engineering related to flow in micro/nano regions (including thermal engineering and fluid engineering, and widely related to the transfer of materials or energy) and its applications, based on applicant's expertise in mechanical engineering.
4. Subjects in charge  
Basic and specialized undergraduate courses in mechanical engineering (e.g., thermal engineering, fluid engineering, etc.) and graduate courses related to the field of micro/nano mechanical science and engineering
5. Qualifications (1) Doctoral degree or Ph. D  
(2) Outstanding research achievements in applicant's field of specialization and capability of supervising doctoral students
6. Employment treatment and salary  
As stipulated in the rules of employment for employees of Tokai National Higher Education and Research System  
[https://education.joureikun.jp/thers\\_ac/act/frame/frame110010928.htm](https://education.joureikun.jp/thers_ac/act/frame/frame110010928.htm)  
  
Salary is based on the annual salary system in accordance with the salary regulations for faculty members of Nagoya University, Tokai National Higher Education and Research System.  
[https://education.joureikun.jp/thers\\_ac/act/frame/frame110001585.htm](https://education.joureikun.jp/thers_ac/act/frame/frame110001585.htm)
7. Expected starting date  
Earliest convenience after Oct. 1st, 2024
8. Application documents
  - (1) Full curriculum vitae (with photo and email address for contact information)
  - (2) List of research achievements (categorized as [I] books, [II] original journal papers, [III] international conference papers, [IV] reviews, company's in-house technical journal, etc.) \*Underline the corresponding author.
  - (3) Activities in academic societies and societies, international activities, invited lectures/keynote lectures/special lectures
  - (4) Up to 10 reprints of major original journal articles (copies are acceptable)
  - (5) Three major research achievements and a description of each (maximum 500 words for each achievement)

- (6) Patents, etc. and their contents
- (7) Award names and their description
- (8) Status of obtaining Grants-in-Aid for Scientific Research (KAKENHI), Research Grants, etc. for the last 10 years as a representative  
(If you are from a company, please indicate the acquisition status of the alternative)
- (9) Aspirations for education and research (500 words or less for each)
- (10) Three persons from whom we may request comments regarding the applicant (at least one of whom must be a foreign national)

9. Deadline Application materials must be arrived by Jan. 31st, 2024.

10. Selection Candidates will be selected by document screening and interview. The results of the selection will be announced as soon as they are determined.

#### 11. Application submission

Please send all submitted documents as a single PDF file as an e-mail attachment (maximum size of the attachment file is 20 MB. If you are unable to send the file by e-mail, please contact us to upload the file to our file server. We will provide you with the URL for uploading.). Please set a password for the PDF file and inform us of the password separately. The subject of the e-mail should be "Application for Professor of Micro/Nano-Mechanical Science and Engineering (Flow) (Name)". Please be sure to confirm receipt of your application by e-mail (sent within one week of receipt).

Please send the documents (PDF) to the following address:

Kenji Fukuzawa, Director, Department of Micro/Nano Mechanical Science and Engineering, Graduate School of Engineering, Nagoya University, Furo-cho, Chikusa-ku, Nagoya, 464-8603, Japan

Phone: +81-52-789-2747 / E-mail: koubo-ff@mae.nagoya-u.ac.jp

#### 12. Contact information

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#### 13. Remarks

- We will actively recruit women and non-Japanese applicants if they are recognized as equal in terms of research achievements, social contributions, and other criteria. Personal information contained in the application documents will be used only for the purpose of selection and employment.

- In principle, application materials will not be returned.

- Applicants may be asked to submit additional materials as necessary.

- Transportation expenses related to the interview will not be provided.

- In November 2021, with the clarification of the scope of control of "deemed exports" under the Foreign Exchange and Foreign Trade Act ("FEFTA"), a portion of the provision of sensitive technology to faculty members at universities and research institutes is subject to control under the FEFTA. As a result of this change, faculty

applications will also be subject to FEFTA controls. When applying for this solicitation, you will be required to submit an Applicable Specific Category Determination Form in accordance with the Applicable Specific Category Determination Flowchart. Eligible applicants will be notified in advance. In addition, faculty members are required to submit a “Confirmation Form” at the time of employment.