

Tohoku University Research Associate Position  
in Space Robotics

The Department of Aerospace Engineering invites applications for Research Associate position in Space Robotics:

1. Position: 1 Research Associate, in Space Robotics Lab, Department of Aerospace Engineering, Graduate School of Engineering
2. Scope of Research and Education:  
In the Space Robotics Lab, the cutting-edge research and development activities are going on for (1) mobile robot systems that enable the exploration of the moon, planets and/or asteroids, (2) on-orbit robots for capturing and retrieving of space debris, and (3) microsatellites for earth observation or deep-space exploration missions. We look for candidates who have a strong academic background in applied science, control engineering, robotics and/or astrodynamics, with a passion for education and research on the system design and prototype development of space robots or space flight systems. The successful candidate is expected to coach undergraduate and graduate students in their research projects that will lead to MS and PhD theses, as well as to contribute to general education activities at the Division of Mechanical Engineering.
3. The employment will start from April 1st, 2020. The term of employment is 5 years. (It can be renewed for another 5 years.)
4. Qualification: The position is open to any candidate who holds a doctoral degree in an appropriate field regardless of gender or nationality. Profound knowledge of Japanese and/or English language, written and spoken, is also required for the candidate.
5. Application Documents:
  - (1) Resume (with photo attached, contact details specified)
  - (2) List of publication and academic achievement (journal papers, conference papers, review papers, book chapters, patents, awards, research grants, activities in academic societies, and other special notes if any)
  - (3) R&D experience, engineering skills, software skills, etc.
  - (4) Statement of teaching and research interests
  - (5) Reprints of three major publications and outline description of them
  - (6) Name, affiliation, e-mail address of person(s) who can evaluate applicant's ability and personality
6. Application Deadline: All applications received by December 16th, 2019 will be considered.

7. Submission:

Either via postal mail or e-mail to:

Prof. Naofumi Ohnishi

Chair, Department of Aerospace Engineering, Graduate School of Engineering,

Tohoku University

Aoba 6-6-01, Sendai 980-8579, Japan

E-mail address: [mech-recruit@mech.tohoku.ac.jp](mailto:mech-recruit@mech.tohoku.ac.jp)

(The submitted documents will not be returned.)

8. Inquiry:

Professor Kazuya Yoshida,

Space Robotics Lab., Department of Aerospace Engineering

E-mail: [yoshida@astro.mech.tohoku.ac.jp](mailto:yoshida@astro.mech.tohoku.ac.jp)