

Job vacancy for academic researcher (post-doc)  
for molecular dynamics of liquids, soft matter, and their interfaces

We are looking for a post-doc to work together in our laboratory.

- Please apply if you have Ph.D. degree in engineering or science, and experience and achievements in molecular dynamics simulation. Although the research needs knowledge and experience in heat transfer, it is also possible to learn after joining.
- You would be employed as an academic researcher at Tohoku University and work on the "Interfacial Thermal Resistance" project (<http://www.ifs.tohoku.ac.jp/mht/crest/>) supported by JST CREST in our laboratory (Molecular Heat Transfer Laboratory, Institute of Fluid Science, Tohoku University). The employment period would begin as soon as possible (negotiable). Although the period is until the end of the fiscal year, the employment contract would be renewed, provided our mutual goals match and you have the necessary ability and productivity. In case you find a better position during the contract term, you are welcome to pursue it.
- For more information about the research you would be conducting, please see the following open access papers among others.  
<https://doi.org/10.1021/acs.jpcc.0c08940>  
<https://doi.org/10.1016/j.ijthermalsci.2020.106762>  
<https://doi.org/10.1021/acs.langmuir.0c00845>  
<https://doi.org/10.1063/1.5081103>  
<https://doi.org/10.1103/PhysRevE.99.051301>
- You will have very few duties besides research.
- We believe that it is important for postdocs to accumulate achievements and experience for future career development. In this position, you would write many papers as the 1st author. You would also be involved in research conducted by other members and students, and there will be many opportunities to become a co-author.
- In case you wished to have teaching experience, you would be considered to take part in guiding the research of graduate students.
- You would be able to gain experience in presenting at international and domestic conferences.
- Our Institute is a national center for joint research and utilization in fluid science and engineering appointed by MEXT, Japan. You would be provided with a good environment for computational research, including the supercomputer system operated by the Institute.
- For application for this position, please contact us at the address below with your CV and some papers attached. Please also feel free to contact us for any inquiry.
- Contact: Taku Ohara  
E-mail: [ohara@ifs.tohoku.ac.jp](mailto:ohara@ifs.tohoku.ac.jp), Tel: 022-217-5277