

**Seeking a Postdoctoral Researcher
at Surface and Interface Science Laboratory
(Dr. Yousoo Kim)**

【Laboratory】

Surface and Interface Science Laboratory
(Director: Dr. Yousoo Kim, Chief Scientist)

【Research Field】

Our research focuses on describing details of the energy transport and conversion at the solid surfaces and interfaces in the nanoscale regime. In order to understand their basic mechanism at a single molecule/atom level, we carry out combined study of scanning probe microscopy/spectroscopy and density functional theory calculation on the well-defined surfaces under ultra-high vacuum condition. More details appear in Lab HP; <http://www.riken.jp/Kimlab>

【Job title and Job description 】

Postdoctoral Researcher

Job description:

Focused research on molecular assembly.

Successful candidates should have strong experiences of both low-temperature scanning tunneling microscopy/spectroscopy and X-ray photoemission spectroscopy to investigate morphology and electronic structure of organic molecular assembly.

【Qualification】

This position requires doctoral degree and excellent research background in both scanning tunneling microscopy and photoemission spectroscopy. The research environment in the laboratory is international and English will be used for official research activities.

【Work location】

RIKEN Wako campus, 2-1 Hirosawa, Wako, Saitama 351-0198, Japan

【Salary and benefits】

1. Full-time position with an annually renewable contract based on the evaluation (up to March 2020).
2. Salary will be commensurate with qualifications and experience.
3. Commuting and housing allowances will be provided. Social insurance will apply.
Mandatory membership in the RIKEN Mutual Benefit Society (RIKEN Kyosaikai) is required.
4. Days off includes public holidays, New Year's holidays (Dec. 29 - Jan 3), and RIKEN Foundation Day.

□These and other provisions are in accordance with RIKEN regulations.

* RIKEN promotes a Gender Equity Program by taking various measures to create an equitable workplace where both men and women are able to give full rein to their talents and abilities. When the

abilities of candidates are judged to be equivalent through a fair and impartial evaluation process, preference will be given to females.

<http://www.riken.jp/en/careers/working-at-riken/benefits/>

【Application and required documents】

1. Required application package

- (a) Cover letter with research summary (up to three A4 pages)
- (b) Complete CV with list of publication
- (c) Pdf files of the most representative two papers published as the 1st author. The papers should contain STM images, STS spectra and XPS data of molecular assembly that the applicant has measured.
- (d) Contact information of 2 references

2. How to apply

Prepared application package should be sent to Dr. Yousoo Kim (ykim@riken.jp) by e-mail.

3. Deadline

15 October, 2016

Successful candidates will have interview before final decision.

4. Handling Personal Data

Submitted documents are strictly protected under the RIKEN Privacy Policy and will be used only for the purpose of applicant screening. Personal information will not be disclosed, transferred or loaned to a third party under any circumstances without legitimate reason. Submitted documents will not be returned.

【Selection process】

Selection will be made based on application screening and interviews.

【Start of Employment】

April 1, 2017 or earlier (negotiable)

【Contact information】

Inquiry regarding the position details or application process is encouraged by contacting;

ykim@riken.jp

Where announcement is to be made