

【Job Opportunities(PD), Kyoto University】

Last updated: 2020/Sep/30

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| 1. Title: | Postdoctoral Researcher (Condensed Matter Physics) |
| 2. Affiliation: | Quantum Materials Lab., Department of Physics, Kyoto University https://ss.scphys.kyoto-u.ac.jp/ |
| 3. Job description: | Postdoctoral researcher for the project "DC Electric Field and Current: Novel Control Parameters for Strongly Correlated Electron Systems" (JSPS Grant-in-Aid for Scientific Research (S), Project leader: Yoshiteru Maeno). https://ss.scphys.kyoto-u.ac.jp/kibanS_h29-33/en/index.html |
| 4. Research mission: | This project aims to explore emergent phenomena in non-equilibrium steady states (NESS) of strongly correlated materials. The successful candidate is expected to contribute to this activity with the focus to grow single crystals of ruthenium-oxide crystals and develop other materials, and to investigate their magnetic, electrical and thermal properties under NESS. |
| 5. Qualifications: | The candidate should possess a doctoral degree or will be able to obtain a doctoral degree before the work start date. |
| 6. Contract conditions: | One-year fixed-term employment contract with the contract period from the date of hire to the end of March 2021 (Trial period is 6 months). It may be renewed to the end of March 2022. Salary will be commensurate with qualifications and experience. Social insurance will be applied. These and other provisions are in accordance with regulations of postdoctoral researcher of Kyoto University. |
| 7. Application deadline: | October 30, 2020. Application may be closed when a successful candidate is selected. |
| 8. Application documents: | Send the PDF-formatted application by e-mail to maeno[at]scphys.kyoto-u.ac.jp . The recommendation letter must be e-mailed directly from the reference to maeno[at]scphys.kyoto-u.ac.jp . An e-mail message of receipt will be sent within a few days of application. <ol style="list-style-type: none"> 1. CV with publication list. Indicate two major publications with their DOIs. 2. Description of previous and present research activities (within two pages, including figures). 3. Description of future research plans within one page. 4. Names and e-mail addresses of reference persons who can explain applicant's abilities. 5. Recommendation letter from one of the references listed in 4. |
| 9. Contact information: | Yoshiteru Maeno (Professor) Department of Physics, Graduate School of Science, Kyoto University, Kyoto 606-8502, Japan maeno[at]scphys.kyoto-u.ac.jp |
| 10. Additional information: | Kyoto University promotes gender equality. At Kyoto University, smoking is prohibited indoors on all campuses, and smoking is also prohibited outdoors except in designated smoking areas to prevent passive smoking. |