

Postdoc opening for computational materials science at City University of Hong Kong

香港城市大学赵仕俊课题组招聘计算材料相关博士后

The group of Dr. Shijun Zhao is seeking a Postdoc. Our group belongs to the Department of Mechanical Engineering, City University of Hong Kong. We are a dynamic and vibrant group working on Computational Materials Science. We study how different materials respond to external conditions, such as mechanical deformation and irradiation damage. For this purpose, we combine various computational techniques to probe the different materials processes at the electronic and atomic levels. We are particularly interested in developing and applying start-of-art methodologies to understand materials properties, such as machine learning and materials informatics. Our recent interest is in high-entropy alloys and novel energy storage and conversion materials. Dr. Zhao has authored and co-authored more than 80 technical papers with more than 3000 citations in the field of computational material science. Detail information, please visit [https://scholars.cityu.edu.hk/en/persons/shijun-zhao\(b956b94f-a138-4df9-880b-f82528cb3ecb\).html](https://scholars.cityu.edu.hk/en/persons/shijun-zhao(b956b94f-a138-4df9-880b-f82528cb3ecb).html).

The successful applicant should have a Ph.D. degree in Physics, Material Science, or a related field, working in computational material science. A background in Machine Learning is highly preferred. The candidate should have demonstrated through his or her dissertation a high quality of research output, ideally with 1-3 papers under revision or accepted for publication in international refereed journals. She/he is expected to conduct independent computational materials-related research and also contribute to the ongoing research projects of the group.

To apply, please send the following documents to shijzhao@cityu.edu.hk: a cover letter, your CV, a copy of your degree certificates, and a 2-3 page research statement using the following subject: "Postdoc application – [Your name]". Review of applications will begin immediately, and applications will be accepted until the position is filled. The salary offered will be highly competitive and commensurate with qualifications and experience. The contract duration is for one year and can be renewed subject to performance. Only short-listed candidates will be contacted.