

# Postdoctoral and Research Scientist Position Opening

## Job Description:

Hong Kong Jockey Club STEM Laboratory of Innovative Thermo-Fluid Science at the City University of Hong Kong is seeking postdocs and research scientists who conduct innovative two-phase flow research under the supervision of Professor Takashi Hibiki. Applicants shall demonstrate their research experience of gas-liquid two-phase flow or relevant fields and excellent communication skills in English.

The ongoing research projects at JC STEM Lab require expertise in two-phase flow CFD analysis. The introductory information can be found in the following papers.

- Sharma, S. L., Ishii, M., Hibiki, T., Schlegel, J. P., Liu, Y., Buchanan Jr, J. R., Beyond bubbly two-phase flow investigation using a CFD three-field two-fluid model, International Journal of Multiphase Flow 113 (2014) 1-15.
- Chuang, T., J., Hibiki, T., Interfacial forces used in two-phase flow numerical simulation, International Journal of Heat and Mass Transfer 113 (2017) 741-754.

The past research activities of Prof. Takashi Hibiki can be found on the following websites.

<https://www.cityu.edu.hk/mne/node/1326>

<https://scholar.google.com.hk/citations?user=Zufl-l0AAAAJ&hl=en>

Applications will be accepted on a rolling basis, and candidates will be considered until the positions are filled. All applicants shall submit a curriculum vitae and a research statement highlighting past and current research experience. If you are interested in performing the research under the direction of Prof. Hibiki, please email to: [thibiki@cityu.edu.hk](mailto:thibiki@cityu.edu.hk).

## About City University of Hong Kong:

Located in the heart of Hong Kong, the City University of Hong Kong has a well-earned reputation as an innovative hub for research and professional education, addressing global issues and empowering positive change. The City University of Hong Kong is ranked No. 70 in QS World University Rankings 2024 and No. 89 in QS Graduate Employability Rankings 2024.

## Contact Information:

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