

**THE HONG KONG POLYTECHNIC UNIVERSITY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Post Specification**

**Postdoctoral Fellow / Research Associate / Research Assistant** (Ref. 19010719)  
**[Appointment period: eighteen months]**

**Duties**

The appointee will assist the project leader in the research project - “Study of magnetic hyperthermia based cancer treatment using a holistic simulation framework”.

**Qualifications**

Applicants for the **Postdoctoral Fellow** post should have a doctoral degree or an equivalent qualification and must have no more than three years of post-qualification experience at the time of application.

Applicants for the **Research Associate** post should have a master’s degree or a good honours degree with three or more years of research/relevant work experience.

Applicants for the **Research Assistant** post should have an honours degree or an equivalent qualification.

For all posts, applicants should have the degree in Engineering and research experience in coding using Lattice Boltzmann method for fluid-structure interaction problems.

Preference will be given to those with coding experience in finite element method and GPU-based simulations.

Applicants are invited to contact Dr H. Tang at tel no. 2766 7815, fax no. 2365 4703 or email [h.tang@polyu.edu.hk](mailto:h.tang@polyu.edu.hk) for further information.

**Remuneration**

A highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

7 January 2019