

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF APPLIED PHYSICS

Post Specification

Full-time or Part-time Research Associate / Research Assistant (Ref. 17052401)

[Appointment period: six months initially, with possibility of further appointment]

Duties

The appointee will assist the project leader in the research project - “Saturable absorption property engineering of phosphorene and transition metal dichalcogenides for high power mode locking and Q-switching laser development”.

Qualifications

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

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

Applicants should also have good practical research experience and theoretical background in fabrication of nanomaterials or two-dimensional materials (e.g. carbon nanotube, graphene, MoS₂, nanocrystals, etc.), or some hands-on experience in laser photonics or mode locking laser. Outstanding publication records in the related field is required.

Applicants are invited to contact Dr Yuen Hong Tsang at tel no. 2766 5676, fax no. 2333 7629 or email yuen.tsang@polyu.edu.hk for further information.

Remuneration

For the full-time post, a highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

For the part-time post, the remuneration rates for the Research Associate post and the Research Assistant post are HK\$135 per hour and HK\$102 per hour respectively.

24 May 2017