Project title: Microreactor for energy and carbon conversion
Supervisor(s): Dr. Jin Xuan

Abstract (200 words max):

Microreactor technology has wide application in the field of energy and carbon conversion. The PhD project will involve microreactor system setup, numerical simulation as well as understanding of microscale transfer-reaction interactions. Target applications include carbon capture and utilization (e.g. converting CO2 emission into fuel and product) and renewable energy storage and conversion (e.g. biomass conversion, fuel cells, etc.).

Requirement (Optional; 100 words max):
(e.g. BEng in Mech Eng with average higher than XX%; Previous experience in XX)

A first or upper second class Degree or Masters in Mechanical Engineering, Chemical Engineering, Chemistry, Material or related areas at Upper Second Class or equivalent.

Other info (Optional; 100 words max):
(e.g. Scholarship source; annual amount; length; how to apply. Leave this blank if not applicable)

To find out more or apply, please contact Dr Jin Xuan at: j.xuan@hw.ac.uk
Visit https://pureapps2.hw.ac.uk/portal/en/persons/jin-xuan(f0a0d05a-aadb-402c-8266-a787187190a0).html
Full PhD studentship is available immediately to selected candidate.

*Due to the page limit, max. 3 PhD projects can be listed per academic staff. Changes can be made using this form.

*Please send the completed form to Yuhang Chen (y.chen@hw.ac.uk) and cc Mylene (M.Honore-Hortalle@hw.ac.uk).