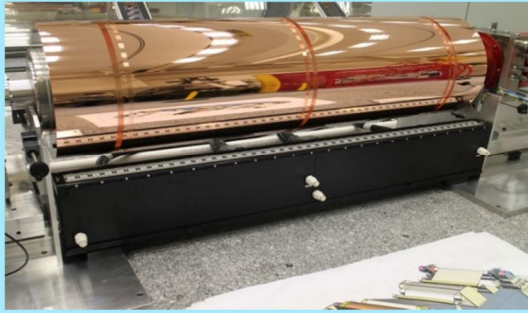


MRes/PhD in Ultra Precision Engineering

Tax free stipend of up to £20,000 per annum



**EPSRC Centre for Doctoral Training
in Ultra Precision**

Cranfield University
University of Cambridge

**Four year fully funded studentships
(4 available) commencing October 2015**

The MRes/PhD programme in ultra precision engineering trains postgraduate students to be the precision engineers of the future. The programme is structured in two phases; a one year taught MRes course at Cranfield University and the University of Cambridge, followed by a three year PhD research programme at Cranfield, Cambridge or another UK university.

During the MRes students will learn advanced high precision techniques and processes including high energy laser micro/nano processing, focused ion beam machining, reactive atom plasma processing, nanofabrication, graphene engineering, printed electronics, machine design and advanced metrology systems. The MRes is designed to give a balance between taught courses, laboratory sessions and research projects to allow students to develop a range of skills.

- + We welcome applicants from any field of science or engineering who have obtained a first or upper second class honours degree
- + Full EPSRC funding (currently £13,863 student maintenance per year plus fees), with additional payments from industrial sponsors taking the **tax free stipend up to a possible of £20,000 per annum** during the PhD phase and is available for UK students and EU students who have studied for three years full time in the UK
- + General student eligibility information is available from the EPSRC website <http://www.epsrc.ac.uk/skills/students/help/eligibility/>
- + Self-funded overseas/non-EU applicants are welcome to apply for the MRes/PhD but are not eligible for funding from the Centre for Doctoral Training in Ultra Precision

Upon successful completion of the MRes, students will progress to their PhD from a vast range of subjects including manufacturing engineering, laser processes, photonics, materials science, control systems and machine design.

During their PhD, many students will be offered the opportunity to work alongside industrial partners allowing them to gain valuable business experience whilst receiving additional maintenance top-up, bringing their stipend up to a possible £20,000 per annum tax free.

Many industrial sectors require a high level of precision, such as aerospace, medical devices, automotive, energy, security and defence sectors. Students completing the MRes and PhD will be central players in the ultra precision wealth creation economy.

**To apply for a Cranfield University based studentship for entry in October 2015,
please contact info@ultraprecision.org**

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