

# ADDITIVE MANUFACTURING RESEARCH GROUP

## PhD Studentships in Additive Manufacturing / 3D Printing

A unique opportunity for UK & EU residents to undertake a fully funded PhD studentship in the internationally recognized **Additive Manufacturing Research Group** in the Wolfson School of Mechanical & Manufacturing Engineering, Loughborough University, UK.

These studentships will be available across a broad range of topic areas in the field of Additive Manufacturing such as manufacturing materials research, process development, simulation, design, and integration. The majority of our research is conducted with the industry and our primary prior collaborations cover aerospace, automotive, medical, consumer and electronics industries.

The **Wolfson School of Mechanical and Manufacturing Engineering** is one of the largest and most successful engineering departments in the UK and boasts an established reputation for excellence in teaching and research, as well as strong links with industry.

The work performed by the **Additive Manufacturing Research Group** is based around a family of processes comprising of adding layers of material and either bonding or fusing them together. These techniques are used to create 3D geometries directly from 3D CAD models with no need for tooling. These technologies are commonly being referred to as 3D Printing. The focus of the group is firmly placed on researching the use of these manufacturing technologies to directly produce end-use products and on enabling greater potential value and application by integrating additional engineering or systems functionality within a single component.

The studentships cover tuition fees and provide a tax-free stipend of **£13,863 per annum for the three-year PhD duration**. Additional funding will also support participation in international conferences, summer schools and workshops and research visits to project partners.

Entry requirements include a good Bachelors degree (minimum high upper second class) or equivalent in **Engineering, Materials Science, Computer Science** or any other **Applied Science** related subject.

Informal enquiries are welcomed to **Dr. Robert Kay**: [r.w.kay@lboro.ac.uk](mailto:r.w.kay@lboro.ac.uk)

For more information visit:

[http://www.lboro.ac.uk/research/amrg/about/members/phd\\_application.html](http://www.lboro.ac.uk/research/amrg/about/members/phd_application.html)

Please apply through the following web page:

<http://www.lboro.ac.uk/departments/mm/post-graduate/by-research/index.html>

It is very important to quote the reference **RWK011012** on all correspondence.

**Deadline date for applications:** Open until position filled.