Additive manufacturing next generation polymeric materials

Additive manufacturing (3D printing) is revolutionizing the methods of product fabrication by providing freedom of design and a vast but growing choice of materials. This research project aims to develop novel fabrication methods and materials(polymers) with high performance and tunable properties implementing additive manufacturing and potential intelligent process development methods.

We are looking to support a highly motivated and talented MEng student for this project with the desired qualifications as follows:

- Engineering degree, preferably in Mechatronics or Mechanical engineering
- Good knowledge of engineering design and system development
- Basic knowledge of materials, manufacturing methods (preferably additive manufacturing), characterizations, and testing
- Interest in conducting both experimental and theoretical research
- Good knowledge of image processing and hands-on experience with machine learning

What we offer
- A challenging and interesting job in a highly dynamic and multidisciplinary work environment
- The opportunity of being engaged in one of the leading areas of advanced manufacturing and contribute to the development of the next generation of materials and processes
- Analysis and evaluation of the achieved results in the team

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