**PhD in laser-plasma physics**

An industry funded PhD place is now available at Warwick University in the Physics Department to study laser-plasma physics. The project is a mixture of computational and theoretical work and is based around simulations using a radiation-hydrodynamics code. Initially the project will be to optimize the handling of thermal conduction in the arbitrary Lagrangian-Eulerian code Odin. Once an optimal method is set up the code will then be used to model laser-driven experiments that might be fielded on the Omega laser facility in the US. This part of the project would be in collaboration with an international team of researchers. Long-term this project will feed into plans for novel laser-driven fusion schemes such as shock ignition. The project is available for 3.5 years with a start date of 1 October 2016.

If interested in the first instance contact Professor Tony Arber, Physics Department, University of Warwick ([t.d.arber@warwick.ac.uk](mailto:t.d.arber@warwick.ac.uk))