



## **External Advisory Board: Terms of Reference**

The EPSRC Centre for Doctoral Training (CDT) in the Science and Technology of Fusion Energy is funded by the Engineering and Physical Sciences Research Council (EPSRC), with very significant financial contributions from its partners totalling £8.7M. The partnership consists of five UK universities - York (lead institute), Durham, Liverpool, Manchester and Oxford - working together with Culham Centre for Fusion Energy, STFC Central Laser Facility, AWE, National Nuclear Laboratory, ITER, Fusion for Energy, AMEC and Fraser Nash to provide training for PhD students in the broad, multidisciplinary field of fusion energy science and technology (inertial and magnetic confinement), including the exploitation of synergies with related areas of low temperature plasmas for technological applications. Scientific fields span plasma physics, materials science, advanced instrumentation and related fusion technologies.

This eight year programme will train at least 77 PhD students over five intakes, starting from October, 2014.

The purpose of the External Advisory Board is to provide independent advice to the CDT management team, ensuring it operates smoothly and efficiently, to the benefit of the students and the UK fusion energy programme. It will meet annually, and provide an independent written report to EPSRC and the UK Fusion Advisory Board (typically at its April/May meeting).

The Terms of Reference are:

- To advise the CDT management team in areas that include:
  - The structure and content of the taught course element of the training
  - The research environment for the PhD students, including integration and collaboration mechanisms across the CDT partners
  - Providing effective links to other relevant education and training activities world-wide, especially that organised for the EU fusion programme by FUSENET
  - Preparing the students for employment in the international fusion programme, related disciplines or elsewhere
  - Providing leadership opportunities for the PhD students
  - The structure and performance of the management team
  - Maximising the international impact
  - Maximising opportunities for international collaboration in training
  - Outreach activities
  - Building links with potential industrial partners
  - Benefiting the wider student community (nationally and internationally)
  - Equality, Diversity and Inclusion
  - Recruitment procedures
  
- To provide a brief, independent annual report to EPSRC and the UK Fusion Advisory Board on the operation and effectiveness of the Fusion CDT. EAB members may also be called on at other times to provide ad hoc advice on specific aspects of the Fusion CDT.