

Steven Cowley



Director of UKAEA Culham

Topic of Speech: **International Collaboration Rising to the Energy Challenge -- ITER the world's Fusion Experiment**

*What is the historic significance of ITER?
Will it really be able to provide a large fraction of our energy for millions of years?
What are the challenges of coordinating such a project?
What is Europe's role as the host partner?*

His expertise:

He is Director of the United Kingdom's Atomic Energy Authority's Culham Laboratory and is involved in the International Thermonuclear Experimental Reactor (ITER).

Other Activities:

- Co-chaired the US National Academy's decadal assessment of and outlook for plasma science.
- A fellow of the American Physical Society & Institute of Physics.
- From 2004 to 2008 he was the Director of the Center for Multi-scale Plasma Dynamics at the University of California, Los Angeles.
- In 2009 he appeared on TED to talk about the world's reserves of energy and the possible role of fusion power in the future.
- His main research interests are: the theory of fusion plasmas, the origin of magnetic fields in the universe, the theory of plasma turbulence and explosive behaviour

Date:

11th of February, Swire room - University College, 7.30pm



**UNIVERSITY OF OXFORD
EUROPEAN AFFAIRS SOCIETY**

