Fusion - powering our Future?

About the event:

Where will we get our energy in the future?
The presentation discusses the prospects for nuclear fusion, a hugely promising technology that is the subject of intensive research around the world. The talk will focus on work at the European JET experiment at Culham Centre for Fusion Energy in the UK. It will cover the progress and the challenges in controlling fusion plasma ten times hotter than the Sun in what has been called one of the ‘grand engineering challenges of the 21st century’.

Event details:

Date: Tuesday 28th October 2014
Time: 6.30pm Tea & Coffee served, Lecture at 7.00pm
Venue: Rochestown Park Hotel, Cork

This lecture shall be jointly hosted with the Institution of Engineering and Technology (IET)

For further details on this event, check out our community calendar in the members area of the website or visit the Cork Region website

Speaker – Margaret Graham CEng, FIET. Margaret Graham is an electrical/electronic and radio frequency (RF) Engineer working at the fusion research Culham Science Centre in Abingdon. On completing her Higher National Certificate (HNC) in electrical and electronic engineering in 1986 Margaret started her career as a technician at Torness Power Station in Scotland before moving to Culham in 1988. Margaret’s engineering career developed over the years as she graduated with a Batchelor of Engineering (honours) degree from the Open University and a Masters of Science in high power radio frequency science and engineering from Lancaster University. Margaret was promoted to ICRH group leader in 2008, became chartered in 2011 and a fellow of the IET in 2013. As Ion Cyclotron Resonant Heating (ICRH) group leader, Margaret is responsible for the 23 to 57MHZ, 32MW RF system which is used to heat the plasma at the world leading JET fusion project in Oxfordshire. Margaret also works with the IET as an industrial representative, a professional registration advisor, is the scheme administrator for CCFE’s accredited professional development scheme and is a member of the IET registration and standards committee.