



Forthcoming Meeting

EC<sup>3</sup>

Thames Valley Specialised Section

Electronics, Control Computing & Communications

# ***Wind Power - The Fastest Growing Renewable Generation Technology***

**Antony Johnson, National Grid**

**Thursday 25<sup>th</sup> October 2007 at 19:30**

**Palmer Building, The University of Reading**

*Light refreshments available from 19:00-19:30*

This presentation will look at the development of wind generation and the issues that need to be addressed in connecting such plant to the National Grid Transmission System. The presentation will start with a quick resume of conventional synchronous generation and then move on to the fundamentals, technology and development of wind turbines. With the technology fully explained, the presentation will explore the issues of connecting such generation to the National Grid. If time permits the presentation will investigate the difficulties of predicting the likely future power output of wind farms and the system issues that this uncertainty can raise.

*If you want to know more, come along. All are welcome and no ticket is required. Simply turn up on the night. For more details please contact Dr Richard Mitchell at [rjmitchell@theiet.org](mailto:rjmitchell@theiet.org), or 0118 378 6790*

**Directions** Enter the University at the main entrance from the A327 Shinfield Road. Follow the road until it bends right, when you turn left and almost immediately right. Go straight on when the road goes to the left and park adjacent to the Palmer Building, no 26, on <http://www.info.rdg.ac.uk/maps/maps-display.asp>