



Forthcoming Meeting



Thames Valley Specialised Section

Electronics, Control Computing & Communications

Modern Encryption

Clifford Cocks

Cheltenham

Thursday 23rd November 2006 at 19:30

**Oxford Brookes University,
Headington Campus, Oxford.**

Light refreshments available from 19:00-19:30

"I will describe the main ideas of public key cryptography; the mathematical principles that underlie this technology and how they were discovered.

I will show how this is applied in the real world, for example how it can be used to secure transactions on the internet and I will also explain how digital signatures work.

I will then look at a variety of mathematical structures that can be used in cryptography, and discuss the strengths and weaknesses of these different approaches, finishing with a discussion of some recent advances in the subject."

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, or 0118 378 6790

Directions Enter Oxford Brookes from Gypsy Lane. The lecture will be sign-posted from the entrance hall. See <http://www.brookes.ac.uk/findus/headington>