



Forthcoming Meeting

EC³

Thames Valley Specialised Section
Electronics, Control Computing & Communications

Transmit Diversity in Wireless Communications

Fu-Chun Zheng

University of Reading

Thursday 22nd January 2009 at 19:30

Palmer Building, The University of Reading

Light refreshments available from 19:00-19:30

Future wireless systems are expected to involve a plethora of small, low-cost communication nodes which will be widely distributed in the infrastructure of cities, including vehicles and public transport systems. Perhaps the most fundamental challenge in these systems as in all wireless communications is channel fading. Transmit diversity has recently proved to be a powerful yet economical technique to combat fading for wireless systems. This talk will provide an overview on the past, present, and future of transmit diversity with reference to its application to some current wireless system standards such as 3GPP and WiMAX.

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 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 near the Palmer Building. See also <http://www.reading.ac.uk/maps/whiteknights-struct.htm>