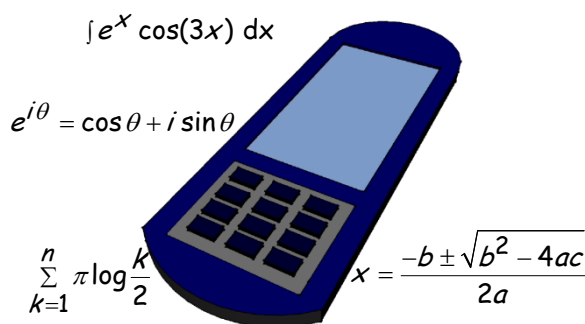


Some mathematics in Mobile telecommunication: a personal perspective

*Professor Michael Walker, King's College London
President of the Institute of Mathematics and its Applications*


$$\int e^x \cos(3x) dx$$
$$e^{i\theta} = \cos \theta + i \sin \theta$$
$$\sum_{k=1}^n \pi \log \frac{k}{2} \quad x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Mike Walker will talk about some mathematics that underpins major commercial drivers in the transition from one mobile telecommunications system to the next. In this context he will look at cryptography, games theory and auctions, Hamiltonians and multiple channel radio communications

This event is free of charge and open to all, with refreshments at 19.00.

Contact: Dr Richard Mitchell
rjmitchell@theiet.org

<http://www.theiet.org/ec3>

Thursday 24 November 2011 19.00 for 19.30
Palmer Building, University of Reading RG6 6UR

For directions please visit <http://www.reading.ac.uk/about/find/about-findindex.aspx>