



THE INSTITUTION OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.

MTT/ED/AP/LEO- SOCIETIES JOINT CHAPTER
& IEEE UMIST Student Branch
United Kingdom & Republic of Ireland Section

“Mixed Scale Modelling”

Professor Pat Foster

Dept of Electrical Engineering & Electronics,
UMIST Manchester, M60 1QD, UK

- Date: Wednesday 29th October 2003
- Venue: room C9/MB - Department of Electrical Engineering and Electronics, UMIST,
- Time: 12.30 pm – 1.30 pm
- (After the talk there will be refreshments)

ALL WELCOME

Abstract: Professor Pat Foster, FREng is a recognised international authority on electromagnetic modelling of radiating structures. Her direct experience includes most of the approaches available to the researcher today, including FE, TLM, FDTD, Ray Optic methods etc.

Professor Foster’s subject today addresses the modelling of complex electromagnetic problems, where a structure includes detailed features (of the order of a few wavelengths) separated by very large electrical distances - such as an antenna on a satellite or ship for example. These techniques are equally applicable to microwave propagation problems.

This lecture will be of interest to any involved with electromagnetic modelling, also antennas and propagation.

Please come along and make the most of meeting with Pat. A buffet lunch is provided.