

University of St Andrews
School of Mathematical and Computational Sciences
Computer Science Division

Annual Open Lecture Course 1995
(Sponsored by Eclipse Computing)

Distributed Multimedia Communications

Speaker: Dr Jon Crowcroft
University College London
Lecture Theatre C
Computer Science/Physical Sciences Building

The Speaker

Jon Crowcroft is a Senior Lecturer in the Department of Computer Science, University College London, where he is responsible for a number of European and US funded research projects in Multi-media Communications. He has been working in these areas for over 14 years. He graduated in Physics from Trinity College, Cambridge University in 1979, and gained his MSc in Computing in 1981, and PhD in 1993. He is a member of the ACM, the British Computer Society and the IEE. He was General Chair for the ACM SIGCOMM 94 symposium. He is also on the editorial teams for the Transactions on Networks and the Journal of Internetworking. He is co-author of the forthcoming book "WWW: Beneath the Surf" and author of the forthcoming Open Distributed Systems, both to be published by UCL Press.

The Course

Distributed Multimedia Communications will cover the following topic areas: Multimedia -what is it?; Input Media Formats; Data compression; Hardware; Multimedia conferencing; Network support and protocols; Operating system; Synchronisation; Storage and Retrieval; Ergonomics; Evaluation.

Venue

All lectures will be held in Lecture Theatre C in the Computer Science / Physical Sciences building, University of St Andrews.

Teas/coffees will be served in one of our new laboratories (The Philip Lee Laboratory), which is situated at the back of the building .straight down the corridor from the main door.

Programme

Thursday, April 20th

- 10.30-11.00 *Registration & Coffee (in Philip Lee Laboratory)*
- 11.00-12.30 What is Multimedia .why is it different?
- 12.30-14.00 *Lunch*
- 14.00-15.30 Video and Audio Characteristics .nitty gritty
- 15.30-15.45 *Tea/coffee*
- 15.45-16.45 Circuits, CODECs, Packets and Workstations
- 17.00-18.00 Reception in Staff Common Room

Friday, April 21st

- 10.30-12.00 CCCP .UCLs Model of Distributed Multimedia Control
- 12.00-14.00 *Lunch*
- 14.00-15.30 WWW .Hyper Media
- 15.30-15.45 *Tea/coffee*
- 15.45-16.45 Psychology, Ergonomics, Platitudes etc