

# 4<sup>th</sup> July 2000

Introduction and welcome to INC 2000, Dr. Steven Furnell, Conference Chairman  
Prof. John Bull, Vice-Chancellor, University of Plymouth  
New World Internet Services, Cliff Evans (OSS Solutions Marketing Manager, Cisco Systems)

## Hall One

### Session 1 : Multimedia

- 10:00 – 11:00 QoS Support for Real-Time Applications in IP over ITM Networks. *Erturk, Tenruh, Stipidis, Powner* (UK)
- 10:00 – 11:00 IP Networks Performance Monitoring of Voice Flows for IP Telephony. *Ghita, Furnell, Lines, LeFoll, Ifeachor* (UK)

### Coffee/Tea Break

### Session 2 : Multimedia

- 11:30 – 12:30 End-to-end Speech Quality Analysis for VoIP: A Review. *Sun, Wade, Lines, LeFoll, Ifeachor* (UK)
- 11:30 – 12:30 Improving Real-Time Voice Transmission Quality over Internet. *Zhang, Xie, Ju* (China)

## Hall Two

### Session 1 : Distributed

- An Applet-Based Approach to Large-Scale Distributed Computing. *Finkel, Wills, Amarin, Covati, Lee* (USA)
- Mobile Agent Applications. *Martins, Chaves, Pirmez, Rust* (Brazil)

### Session 2 : Distributed

- Risks in Anonymous Distributed Computing Systems. *Ciaraldi, Finkel, Wills* (USA)
- A Distributed Access Control Architecture for Mobile Agents. *Antonopolous* (UK)

### Lunch Break

### Session 3 : Networks

- 14:00 – 15:00 Quality of service as perceived by the customer. *LeFoll, Bull* (UK)
- 14:00 – 15:00 Towards QoS Management: An Improvement in OAM Performance Management. *Zhao, Wang* (China)

### Session 3 : Security

- Enhancing Operating System Authentication Techniques. *Dowland, Furnell* (UK)
- User authentication for keypad-based devices using keystroke analysis. *Ord, Furnell* (UK)

### Coffee/Tea Break

### Session 4 : Networks

- 15:30 – 16:30 Performance Evaluation of Local Recovery Retransmission in Reliable Multicast. *Yamamoto, Hashimoto, Ikeda* (Japan)
- 15:30 – 16:30 Evaluation of a Probabilistic Model for Tariffing in Multi-Service ATM Networks. *McAtackney, Woodward* (UK)

### Session 4 : Security

- Deception and the Information Security Function. *Hutchinson, Warren* (Australia)
- Intranet Security from the Organizational Point of View - The Re-emerging Insider Threat. *Kajava* (Finland)

# 5<sup>th</sup> July 2000

The Internet: Ethical and social issues  
Dr John Lindsay (Chairman, Internet Technical Committee, British Computer Society)

## Hall One

### Session 1 : Distributed

- 10:00 – 11:00 Flexible Management of Shared Groupware Objects. *Lukosch, Unger* (Germany)
- 10:00 – 11:00 Hierarchical Peripheral Distributed Directory Service for Enterprise Computing. *Loew, Stengel, Stynes, Bleimann, McDonald* (Germany, Ireland, Australia)

### Coffee/Tea Break

### Session 2 : Distributed

- 11:30 – 12:30 A Trader-based Approach to QoS Management in Distributed Systems. *Thissen* (Germany)
- 11:30 – 12:30 Software Component Reuse by Adaptation. *Hofmann, Stynes, Turetschek* (Germany, Ireland)

## Hall Two

### Session 1 : Society

- MOOSburg: Supplementing a Real Community with a Virtual Community. *Carroll, Rosson, Isenhour, Metre, Schaefer, Ganoe* (USA)
- EVOICE using Interactive Voice Response System (IVRS) for developing countries. *Palniappan, Rajendran, Srinivasan* (India)

### Session 2 : Society

- Information Warfare-Prevention and Recovery. *Kahlon, Singh, Singh* (India)
- An Information Warfare Risk Analysis Model (A Conceptual Model). *Warren, Hutchinson* (Australia)

### Lunch Break

### Session 3 : Internet

- 14:00 – 15:30 Performance Analysis of Dynamic Web Page Generation Technologies. *Kothari, Claypool* (USA)
- 14:00 – 15:30 Defining the Mean Web Page Size and Improving the Latency in Web Page Transfer. *Destounis, Garofalakis, Kappos, Tzimas* (Greece)
- Monitoring and Managing User's Access to Internet. *Sun, Zhao, Li, Wu* (China)

### Session 3 : Networks

- A new Architecture for 3rd Generation Mobile Networks. *Reynolds* (UK)
- Integrated Network Management System for Access Network. *Hwang, Son, Lim* (Korea)
- Using Genetic Routing Algorithms for the Evaluation and Management of a Telecommunication Network. Java Application Developed with the Modified AntNet. *Schmid* (Spain)

### Coffee/Tea Break

### Session 4 : Internet

- 16:00 – 17:00 Fenix - Personalized Information Filtering system for WWW Pages. *Delicato, Pirmez, Rust* (Brazil)
- 16:00 – 17:00 Combining Java Applet with CGI to Simulate a File System. *Song, Toh* (Singapore)

### Session 4 : Networks

- Network Management of an E-Business Environment Based on the New CCTA, ITIL Model. *Rudd* (UK)
- Performance Analysis of Cut-Through Bridged Controller Area Networks. *Tenruh, Erturk, Stipidis, English* (UK)

6<sup>th</sup> July 2000

A DTI view of the Information Society  
Mr Gerry Mogg (Department of Trade and Industry)

**Hall One**

**Session 1 : Society**

10:00 – 11:00

Networked Learning and the Delivery of Distance Education:  
Telematics at the University of Plymouth. *Wheeler* (UK)

Global Education in the Cyber Age: An Australian Example.  
*Warren, Warren, Coldwell* (Australia)

**Hall Two**

**Session 1 : Security**

Self Revocations of Digital Certificates. *Reverte* (Spain)

ISDN Channel Security Demonstration Board. *Leitold, Mayerwieser,  
Payer, Posch, Posch, Wolkerstorfer* (Austria)

Coffee/Tea Break

**Session 2 : Society**

11:30 – 12:30

Course-Master: An Interactive Learning and Teaching Environment  
over the World Wide Web. *Tian* (UK)

**Session 2 : Networks**

Accounting Management System Enhancement Supporting  
Automated Monitoring and Storing Facilities. *Bouras, Kastantiotis*  
(Greece)

Flexible Multi-Service Telecommunications Accounting System.  
*Leastar, McGibney* (Ireland)

Lunch Break

**Session 3 : Poster Sessions**

Trends in Building GUI in Java the Approach Used in an Advanced Course of Computer Science.  
*Diaz, Queiruga, Fava* (Argentina)

Adaptive protocols for packet data radio networks.  
*Prokopchuk, Voiter, Korzh* (Ukraine)

E-COMMERCE The Art of Being "Offshore Aware" (and not being left behind).  
*Eppleston* (UK)

14:00 – 15:30

*Other posters to be announced*

End of Conference