

DAY ONE

Opening Session

Introduction and welcome to INC '98

Prof. Peter Sanders, Conference Chairman

Plenary Addresses

Prof. John Bull, Vice Chancellor, University of Plymouth

John Battle MP, Minister for Science, Energy and Industry, (*subject to availability*)

Tea / Coffee Break

Session 1 : Internet and WWW Technologies 1

Invited Presentation : "Mobile Access to Internet : Mediator Based Solutions"

Prof. Kimmo Raatikainen, University of Helsinki, Finland

"Java-Based Load Distribution on the World Wide Web"

B.Brennan, C.Brennan, D.Finkel and C.Wills

"A Framework for the Management of Large WWW Sites"

V.Prevelakis

Lunch Break

Session 2 : Internet and WWW Technologies 2

"High Speed Internet Access Using Satellite-Based DVB Networks"

N.Samaraweera, and G.Fairhurst

"Business Modelling of Electronic Brokerage"

K.Skouby, and A.Ost

"Addressing the Internet Challenge"

J.Tyler

"A Framework for Performance Evaluation of Service Architectures supporting Personal Communications"

S.Palazzo, M.Anagnostou, Y.Kountouris, A.Lombardo, M.Samarotto and S.Trigila

Tea / Coffee Break

Session 3 : ATM networking

"Evaluating the FEC Protected Streams Applied to GCRA over ATM"

A.Alheraish, D.G.Smith and T.M.Jadoon

"ATM Networks for Distributed Videoconferencing - The experience of users"

J.P.Chester and A.Clarke

"Performance Evaluation Of A Distributed ATM Switch Architecture"

X.Krasniqi, G.Onyiagha and T.G.Clarkson

"Dynamic Probability Cell Discard for Transmission in ATM networks"

E.Song and R.Sotudeh

Tour and Buffet

DAY TWO

Session 4 : Network Management, Design and Planning 1

Invited Presentation : "Quality of Service in Heterogeneous Networks"
Dr. Lars Wolf, Darmstadt University of Technology, Germany

"The Role of a Network Topology MIB in the Quality Control Management of Computer Networks"
T.Apostolopoulos and V.Skoularidou

"Integration of ATM Management Procedures into Native Integrated Network and System Management Architectures"
M.Knahl, U.Bleimann, S.M.Furnell and P.W.Sanders

Tea / Coffee Break

Session 5 : Network Management, Design and Planning 2

"Full Service Networks Planning and Design Software Tools"
O.Makhrovskiy and V.Kolpakov

"NARP : Network Assisted Reservation Protocol"
M. Mikhailov, R.Kinicki and D.Finkel

"Recovery of Consecutive Packet Loss Using Interleaving Technique"
J.Park, E.Ku and D.Ko

"A Multithreaded Model for TMN Agents Core"
R.Matias, E.S.Specialski and P.Filho

Lunch Break

Session 6 : Distributed Software Technologies 1

Invited Presentation : "Object Migration and Telecommunication Distributed Processing Environments"
Prof. Paul Reynolds, University of Plymouth, United Kingdom

"Component-Oriented Software Development"
H.Hofmann

"Modelling Multicast Queries in Distributed Systems"
C.Linnhoff-Popien and B.Meyer

Tea / Coffee Break

Session 7 : Distributed Software Technologies 2

"Exploring Distributed MT"
O.Streiter, A.Schmidt-Wigger, U.Reuther and C.Pease

"Content Migration on the World Wide Web"
M.Evans, A.D.Phippen, G.Mueller, S.M.Furnell, P.W.Sanders and P.Reynolds

"Interoperability between Distribution Architectures"
V.Muench

Conference Banquet

DAY THREE

Session 8 : Intelligent Data Analysis

“EventFlow : A Technology For Alarm Correlation In High-Speed Networks”
R.D.Gardner and D.A.Harle

“The use of Data Mining for proactive systems management”
A.E.Mahdi

“Applicability of Data Mining to sets”
P.Hamer and K.Burn-Thornton

Tea / Coffee Break

Session 9 : Information Systems Security

“Electronic Commerce - Winners and Losers”
M.Warren and S.M.Furnell

“Security Architectures based on active Firewall Components”
Ingo Stengel

“Programming languages for mobile code: A security problems viewpoint”
S.Gritzalis, G.Aggelis and D.Spinellis

“Security Aspects of an Intranet Solution”
R.Löw

Lunch Break

Session 10 : Network Simulation, Modelling and Optimisation

“Performance of ATM based Emulated Local Area Networks”
G.Alexandris, T.Apostolopoulos and X.Psiakki

“Prediction of Cell Losses for VBR MPEG Encoders”
A.Doulamis, N.Doulamis and S.Kollias

“Remote Experimentation with Microcontrollers: Three Case Studies”
L.Marques, M.Wisintainer, M.de Almeida, R.Matias and J.da Mota Alves

“General Problems designing ATM Networks”
W.Bindrim