DECLARATION OF NATHANIEL E FRANK-WHITE

1. I am a Records Request Processor at the Internet Archive. I make this declaration of my own personal knowledge.

2. The Internet Archive is a website that provides access to a digital library of Internet sites and other cultural artifacts in digital form. Like a paper library, we provide free access to researchers, historians, scholars, and the general public. The Internet Archive has partnered with and receives support from various institutions, including the Library of Congress.

3. The Internet Archive has created a service known as the Wayback Machine. The Wayback Machine makes it possible to browse more than 450 billion pages stored in the Internet Archive's web archive. Visitors to the Wayback Machine can search archives by URL (i.e., a website address). If archived records for a URL are available, the visitor will be presented with a display of available dates. The visitor may select one of those dates, and begin browsing an archived version of the Web. Links on archived files in the Wayback Machine point to other archived files (whether HTML pages or other file types), if any are found for the URL indicated by a given link. For instance, the Wayback Machine is designed such that when a visitor clicks on a hyperlink on an archived page that points to another URL, the visitor will be served the archived file found for the hyperlink's URL with the closest available date to the initial file containing the hyperlink.

4. The archived data made viewable and browseable by the Wayback Machine is obtained by use of web archiving software that automatically stores copies of files available via the Internet, each file preserved as it existed at a particular point in time.

5. The Internet Archive assigns a URL on its site to the archived files in the format http://web.archive.org/web/[Year in yyyy][Month in mm][Day in dd][Time code in hh:mm:ss]/[Archived URL] aka an "extended URL". Thus, the extended URL http://web.archive.org/web/19970126045828/http://www.archive.org/ would be the URL for the record of the Internet Archive home page HTML file (http://www.archive.org/) archived on January 26, 1997 at 4:58 a.m. and 28 seconds (1997/01/26 at 04:58:28). The date indicated by an extended URL applies to a preserved instance of a file for a given URL, but not necessarily to any other files linked therein. Thus, in the case of a page constituted by a primary HTML file and other separate files (e.g., files with images, audio, multimedia, design elements, or other embedded content) linked within that primary HTML file, the primary HTML file and the other files will each have their own respective extended URLs and may not have been archived on the same dates.

6. Attached hereto as Exhibit A are true and accurate copies of browser screenshots of the Internet Archive's records of the archived files for the URLs and the dates specified in the attached coversheet of each printout.

7. I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

DATE: December 11, 2023

Nathaniel E Frank-White

Nathaniel E Frank-White

EXHIBIT A

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Papers, Publications and Specifications

A Thesis

On Scalable Internet Multimedia Conferencing Systems
Mark Handley
University of London PhD Thesis, Nov 1997

A Book

The World Wide Web - Beneath the Surf
Mark Handley and Jon Crowcroft
UCL Press, London, 1995, ISBN 1-85728-435-6 PB

Some Papers, Publications, and Specifications

Proxy Caching Mechanism for Multimedia Playback Streams in the Internet
R. Rejaie, M. Handley, H. Yu, D. Estrin

Architectural Considerations for Playback of Quality Adaptive Video over the Internet
R. Rejaie, M. Handley, D. Estrin

A Dynamic Bootstrap Mechanism for Rendezvous-based Multicast Routing
D. Estrin, M. Handley, A. Helmy, P. Huang, D. Thaler.
To appear in Infocom 99

RAP: An End-to-end Rate-based Congestion Control Mechanism for Realtime Streams in the Internet
R. Rejaie, M. Handley, D. Estrin.
To appear in Infocom 99

Session Directories and Scalable Internet Multicast Address Allocation
M. Handley
Proc.ACM Sigcomm 98, September 1998, Vancouver, Canada.

The MASC/BGMP Architecture for Inter-Domain Multicast Routing,
K. Kumar, P. Radoslavov, D. Thaler, C. Alaettinoglu, D. Estrin, M. Handley.
Proc. ACM Sigcomm 98, September 1998, Vancouver, Canada.

Very large conferences on the Internet: the Internet Multimedia Conferencing Architecture
M. Handley, J. Crowcroft, C. Bormann and J. Ott
To appear in Computer Networks and ISDN Systems, Special Issue on Internet Telephony

Network Text Editor (NTE): A scalable shared text editor for the MBone
Mark Handley, Jon Crowcroft,
Proceedings of ACM Sigcomm 97, Canne, France, 1997

An Examination of MBone Performance
Mark Handley,
USC/ISI Research Report: ISI/RR-97-450

Internet Multimedia Conferencing
M. Handley, J. Crowcroft
Proc. NetWorkshop 24, University of Sussex, 26-28 March 1996, UKERNA, Didcot, pp 11/1-13, 1996
UCL RN/96/76

UCL Expereinces with Higher Speed Working
P.T. Kirstein, D. Lewis, A. Hutton, M. Handley, P. Su
Proceedings JENC7'96, May 13-16 1996, Budapest, Hungary

The Conference Control Channel Protocol (CCCP): A scalable base for building conference control applications
Mark Handley, Ian Wakeman and Jon Crowcroft
Proceedings of ACM Sigcomm 95, Cambridge, MA

Recent Activities in the MICE Conferencing Project
P.T. Kirstein, M. Handley, A. Sasse, S. Clayman
Proceedings INET'95, Hawaii, July 1995, Internet Society, Reston, VA
UCL RN/95/36

Reliable Audio for Use over the Internet
V.J. Hardman, M.A. Sasse, M. Handley and A. Watson,
Proceedings INET'95, Hawaii, July 1995, Internet Society, Reston, VA.

UCL Experiences with High-Speed Pilots (abstract)
J. Crowcroft, M. Handley, A. Hutton, N. Ismail, P. Kirstein, D. Lewis, P. Su
Broadband Islands '95, Proc. of the Fourth International Conference, Dublin, Ireland, 4-6 September 1995, Vesticom, Dublin, 1995, pp 77-90

UCL RN/95/67

The World Wide Web - How Servers Work
Mark Handley, Jon Crowcroft
Connexions magazine, March 1995, pp 12-24

The World Wide Web
Jon Crowcroft, Mark Handley
Omnicom Newsletter, March 1995

Collaborative Writing with Synchronous and Asynchronous Support Environments (abstract)
M-A. Sasse, M.J. Handley
in Groupware and Authoring, edited by R. Rada, Academic Press, London, 1995
UCL RN/93/59

Coping with Complexity and Interference: Design Issues in Multimedia Conferencing Systems
M.A. Sasse, M.J. Handley, N.M. Ismail
in Design Issues in CSCW, edited by D. Rosenberg and C.S. Hutchison, Springer-Verlag, Berlin 1994

Turning the Internet into SkyNet - Multicasting Multimedia
Jon Crowcroft, Mark Handley, Ian Wakeman
Proc. of UKUUG IP Workshop, The Zoological Society, Regent's Park, London 12th October 1994, UK Unix Systems User Group, Buntingford, Herts, 1994
UCL RN/94/40

Multimedia Application Requirements for Multicast Communications Services (abstract)
S. Chuang, J. Crowcroft, S. Hailes, M. Handley, N. Ismail, D. Lewis, I. Wakeman
Proc. INET '93 International Networking Conference, Internet Society, Reston, Virginia, November 1993
UCL RN/93/73

Multimedia Integrated Conferencing for European Researchers (MICE): Piloting Activities and the Conference Management and Multiplexing Centre
M. Handley, P. Kirstein, A. Sasse
Computer Networks and ISDN Systems, vol 26, 275-290, 1993
also in Proc. (auxiliary) 4th Joint European Networking Conference, Trondheim, Norway, May 10-13 1993 pp 18-31

Piloting of Multimedia Integrated Communications for European Researchers (MICE)
P.T. Kirstein, M.J. Handley, M.A. Sasse
Proceedings INET'93,

Support for Collaborative Authoring via Email: The MESSIE Environment
M.A. Sasse, M.J. Handley, S.C. Chuang
Proc. Third European Conference on Computer-Supported Cooperative Work - ECSCW93 13-17 September 1993, Milan, Italy
Edited by Giorgio de Michelis, Carla Simone, Kjeld Schmidt, Kluwer Academic Publishers, Dordrecht, The Netherlands, pp249-264, 1993

Messie: An Email-based Collaborative Authoring Environment
M.J. Handley, M.A. Sasse, S.C. Chuang
CSCW journal, January 1993
UCL RN/93/1

Some Multimedia Traffic Characterisation and Measurement Results
J. Crowcroft, S. Hailes, M. Handley, A. Jena, D. Lewis, I. Wakeman
Proceedings of Networks 92, Trvandrum, India, Oct. 1992.
UCL RN/92/29

CDC: An Overview of the CAR Cooperative Design Conference
M.J. Handley
UCL RN/92/79, August 1992

Multimedia Conferencing: from prototype to national pilot
Mark Handley, Steve Wilbur
Proceedings of INET 92, Kobe, Japan, Internet Society, Reston, VA, 1992

Internet Drafts

SAP: Session Announcement Protocol.
Mark Handley (Internet-draft, Nov 1997)

SIP: Session Initiation Protocol.
Mark Handley, Henning Schulzrinne, Eve Schooler (Internet-draft, Nov 1997)

The Internet Multimedia Conferencing Architecture
Mark Handley, Jon Crowcroft, Carsten Bormann, Joerg Ott (Internet-draft, Sept 1997)

Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification (Version 2)
D. Estrin, D. Farinacci, A. Helmy , D. Thaler, S. Deering, M. Handley, V. Jacobson, C. Liu, P. Sharma , L. Wei
Internet Draft, Sept 1997

The Internet Multicast Address Allocation Architecture
M. Handley, D. Thaler, D. Estrin
Postscript, HTML, ASCII (without figures)

The Multicast Address Set Claim (MASC) Protocol
D. Estrin, M. Handley, D. Thaler, S. Kumar
Internet Draft, Nov 1997 ASCII

The Address Allocation Protocol

M. Handley
Internet Draft, Dec 1997, Postscript, HTML, ASCII

Multicast Scope Zone Announcement Protocol
M. Handley
Internet Draft, Dec 1997, Postscript, ASCII without figures

Guidelines for writers of RTP payload format specifications
M. Handley
Internet Draft, Nov 1998, PostScript, ASCII

RFCs

SDP: Session Description Protocol,
Mark Handley, Van Jacobson
RFC 2327

RTP Payload for Redundant Audio Data
Perkins/Kouvelas/Hardman/Handley/Bolot/Vega-Garcia/Fosse-Parisis
RFC 2198

Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification
D. Estrin, D. Farinacci, A. Helmy , D. Thaler, S. Deering, M. Handley, V. Jacobson, C. Liu, P. Sharma , L. Wei
RFC 2117

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Mark Handley

Information

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- Email: mjh@isi.edu
- Papers, Publications and Specifications
- Slides from various presentations
- Hotlist
- Projects:SPT,VINT
- PGP key

Biography

(suitable for quoting should anyone need to)

Mark Handley received his BSc in Computer Science with Electrical Engineering from University College London in 1988 and his PhD from UCL in 1997. For his PhD he studied multicast-based multimedia conferencing systems, and was technical director of the European Union funded MICE and MERCI multimedia conferencing projects. He now works for the University of Southern California's Information Sciences Institute in the areas of scalable multimedia conferencing systems, reliable multicast protocols, multicast routing and address allocation, and network simulation and visualisation. He is co-chair of the IETF Multiparty Multimedia Session Control working group, and has served on the ACM Sigcomm programme committee.

In real life...

My interests are travel (see my Ecuador and Iceland "guides"), photography (see most of the pictures on the UK guide), mountaineering, flying gliders, skiing, sailing (whenever anyone will lend me a boat), and most especially my girlfriend Maria and generally doing things that don't involve a computer.

Likes: All the above, good food, good beer, good company, trains, planes and boats, a good book, films with sad endings.

Dislikes: Computers, not having computers, incompetent shortsighted politicians, paperwork, films with happy endings.

Random stuff:

Our Jeep,pictures of Bill and Peggy's wedding

https://web.archive.org/web/19990828053320/http:/www.cs.ucl.ac.uk/staff/jon/jons-papers.html

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18 captures 28 Aug 1999 - 28 Aug 2007

Some of Jon's Papers - NEEDS UPDATING - Some URLs out of date!!

B. Braden, D. Clark, J. Crowcroft, B. Davie, S. Deering, D. Estrin, S. Floyd, V. Jacobson, G. Minshall, C. Partridge, L. Zhang, L. Peterson, K. Ramakrishnan, S. Shenker, and J. Wroclawski, "Recommendations on queue management and congestion avoidance in the internet," RFC 2309, Internet Engineering Task Force, Apr. 1998.

Fred Baker, Jon Crowcroft, Roch Guerin, Henning Schulzrinne, and Lixia Zhang, "Reservations about reservations," in *Proc. of IFIP Fifth International Workshop on Quality of Service (IWQOS '97)*, (New York, NY), May 1997.

Tony Ballardie, Paul Francis, and Jon Crowcroft, "Core based trees (CBT)," in *SIGCOMM Symposium on Communications Architectures and Protocols* (Deepinder P. Sidhu, ed.), (San Francisco, California), pp. 85-95, ACM, Sept. 1993. also in Computer Communication Review 23 (4), Oct. 1992. ToN version

Tony Ballardie, Jon Crowcroft, " Multicast Specific Security Threats and Counter-Measures in ISOC Conference on Security, 1995.

K. Carlberg and J. Crowcroft, "Building shared trees using a one-to-many joining mechanism," *ACM Computer Communication Review*, vol. 27, pp. 5-11, Jan. 1997.

S. Chuang, Jon Crowcroft, S. Hailes, M. Handley, N. Ismail, D. Lewis, and Ian Wakeman, "Multimedia application requirements for multicast communications services," in *Proceedings of the International Networking Conference (INET)*, (San Francisco, California), pp. BFB-1 - BFB-9, Internet Society, Aug. 1993.

B. Carpenter, J. Crowcroft, and Y. Rekhter, "IPv4 address behaviour today," Request for Comments (Informational) 2101, Internet Engineering Task Force, Feb. 1997.

Jon Crowcroft and M d'Inverno, "Text Based Real Time Computer Conferencing: Specification, Design and Implementation," in *Proceedings of the Conference on Computer Communications (IEEE Infocom)*, vol. 2, pp. 1114-1126, Apr. 1991.

Schulzrinne & Crowcroft, href="http://www.research.att.com/jsac/unprot/jsac13.8/guestedit/abs_guestedit.html"> "Guest editorial: The global Internet," *IEEE Journal on Selected Areas in Communications*, vol. 13, pp. 1366-1369, Oct. 1995.

J. Crowcroft, H. Fuchs, T. Turletti, A. Ghosh, Z. Wang, L. Vicisano, and C. Diot, "RMFP: a reliable multicast framing protocol," Internet Draft, Internet Engineering Task Force, Mar. 1998. Work in progress.

J. Crowcroft and J. Onions, "Network time protocol (NTP) over the OSI remote operations service," Request for Comments (Experimental) 1165, Internet Engineering Task Force, June 1990.

J. Crowcroft and M. Ohta, "Static multicast," Internet Draft, Internet Engineering Task Force, Mar. 1998. Work in progress.

J. Crowcroft and K. Paliwoda, "A multicast transport protocol," in *SIGCOMM Symposium on Communications Architectures and Protocols*, (Stanford, California), pp. 247-256, ACM, Aug. 1988. also in em Computer Communication Review 18 (4), Aug. 1988.

Jon Crowcroft, "International Internetworking," *ConneXions - The Interoperability Report*, vol. 2, p. Published by Advanced Computing Environments, Apr. 1988.

Jon Crowcroft, "The X Windows Protocol over the ISO Transport Service," in *Proc. Networks 90*, Dec. 1989.

Z Wang & J. Crowcroft, "A two-tier address structure for the internet: A solution to the problem of address space exhaustion," RFC 1335, Internet Engineering Task Force, May 1992.

Jon Crowcroft, "Remote procedure call: not a panacea for distributed computing problems," Internal Report, University College London, Feb. 1993.

Jon Crowcroft, "Why lossy internetworking and lossless ABR ATM services do not go together," Research Note RN/94/21, University College London, London, June 1994.

Jon Crowcroft, "A rough comparison of the IETF and ATM service models," unpublished memorandum, Jan. 1995.

Jon Crowcroft and Henning Schulzrinne, eds., *IEEE Global Internet*, (London, England), IEEE, Nov. 1996.

Jon Crowcroft and Ian Wakeman, "Traffic Analysis of some UK-{US Academic Network Data," in *INET '91, International Networking Conference*, (Copenhagen), June 1991.

J. Crowcroft, I. Wakeman, Z. Wang, and D. Sirovica, "Is Layering Harmful?," *IEEE Network Magazine*, pp. 20-24, january 1992.

A. Eliasz, S. Bavan, and Jon Crowcroft, "Adaptive Network Management Using Neural Computing," in *3rd RACE TMN Workshop*, (Heathrow), Aug. 1989.

A Eliasz and Jon Crowcroft, "Some Investigations into Policy Based Routing Schemes and Systems," in *International Symposium on Local Communications Systems Management*, North Holland (IFIP), Sept. 1990.

M. Handley, J. Crowcroft, C. Bormann, and J. Ott, "The internet multimedia conferencing architecture," Internet Draft, Internet Engineering Task Force, July 1997. also in CNIS

Mark Handley, Ian Wakeman, and Jon Crowcroft, "The conference control protocol (CCCP): a scalable base for building conference control applications," in *SIGCOMM Symposium on Communications Architectures and Protocols*, (Cambridge, Massachusetts), pp. 275-287, Sept. 1995.

Colin Perkins and Jon Crowcroft, "Real time audio and video transmission of IEEE GLOBECOM'96 over the Internet," technical report, University College London, London, England, Nov. 1996.

K. Seo, J. Crowcroft, P. Spilling, J. Laws, and J. Leddy, "Distributed Testing and Measurement across the Atlantic Packet Satellite Network (SATNET)," in *Proc. ACM SIGCOMM '88*, (Stanford, CA, USA), pp. 235-246, 1988.

Angela Sasse, Vicky Hardman, Isidor Kouvelas, Colin Perkins, Orion Hodson, Anna Watson, Mark Handley, Jon Crowcroft, Darren Harris, Anna Bouch, Marcus Iken, Kris Hasler, Socrates Varakliotis, and Dimitrios Miras, "Rat (robust-audio tool)," 1995.

L. Vicisano, L. Rizzo, and J. Crowcroft, "TCP-Like congestion control for layered multicast data transfer," in *Proceedings of the Conference on Computer Communications (IEEE Infocom)*, (San Francisco, California), p. 996, March/April 1998.

Zheng Wang and Jon Crowcroft, "Shortest path first with emergency exits," in *SIGCOMM Symposium on Communications Architectures and Protocols* (Deepinder P. Sidhu, ed.), (Philadelphia, Pennsylvania), pp. 166-176, ACM, Sept. 1990. also in Computer Communication Review 20 (4), Oct. 1990.

Z. Wang and Jon Crowcroft, "A New Approach to Congestion Control in Datagram Networks," *ACM Performance Evaluation Revue/ACM SIGMETRICS.*, p. ACM, June 1991.

Zheng Wang and Jon Crowcroft, "A New Congestion Control Scheme: Slow Start and Search (Tri-S)," *ACM Computer Communication Review*, vol. 21, pp. 32-43, Jan. 1991.

Zheng Wang and Jon Crowcroft, "Analysis of shortest-path routing algorithms in a dynamic network environment," *ACM Computer Communication Review*, vol. 22, pp. 63-71, Apr. 1992.

Zheng Wang and Jon Crowcroft, "Eliminating periodic packet losses in the 4.3-Tahoe BSD TCP congestion control algorithm," *ACM Computer Communication Review*, vol. 22, pp. 9-16, Apr. 1992.

Zheng Wang and Jon Crowcroft, "SEAL detects cell misordering," *IEEE Network*, vol. 6, pp. 8-9, July 1992.

Zheng Wang and Jon Crowcroft, "Analysis of burstiness and jitter in real-time communications," in *SIGCOMM Symposium on Communications Architectures and Protocols* (Deepinder P. Sidhu, ed.), (San Francisco, California), pp. 13-19, ACM, Sept. 1993. also in em Computer Communication Review 23 (4), Oct. 1992.

Zheng Wang and Jon Crowcroft, "A unified framework for multicast forwarding," in *Proceedings of the 4th International Workshop on Network and Operating System Support for Digital Audio and Video*, (Lancaster, U.K.), pp. 252-258, Lancaster University, Nov. 1993. Lecture Notes in Computer Science 846.

Ian Wakeman and Jon Crowcroft, "Multicast congestion control in the distribution of variable bit rate video," Computer Science Department, University College London, Jan. 1994.

Zheng Wang and Jon Crowcroft, "QoS routing for supporting resource reservation," submitted for publication, Oct. 1994.

Zheng Wang and Jon Crowcroft, "Prefetching in world wide web," in *Proceedings of Global Internet* (Jon Crowcroft and Henning Schulzrinne, eds.), (London, England), pp. 28-32, IEEE, Nov. 1996.

Zheng Wang, Jon. Crowcroft, and Ian Wakeman, "A Simple TCP Extension for High Speed Paths," *ACM Computer Communication Review*, vol. 22, pp. 48-51, Jan. 1992.

Ian Wakeman, Jon Crowcroft, Zheng Wang, and Dejan Sirovica, "Layering considered harmful," *IEEE Network*, Jan. 1991.

Ian Wakeman, Atanu Ghosh, jon Crowcroft, Van Jacobson, and Sally Floyd, "Implementing Real Time Packet Forwarding Policies using Streams," research note, University College London, London, Nov. 1994. href="ftp://cs.ucl.ac.uk/darpa/usenix-cbq.ps.Z">

Ian Wakeman, Dave Lewis, and Jon Crowcroft, "Traffic Analysis of Trans-Atlantic Traffic," in *Proceedings of INET 92*, (Kobe, Japan), pp. 417-430, June 1992.

Ian Wakeman, Dave Lewis, and Jon Crowcroft, "Traffic Analysis of trans-Atlantic traffic," *Computer Communications*, vol. 17, pp. 376-388, June 1993.

Philippe Oechslin, Jon Crowcroft "Weighted Proportionally Fair Differentaited Service TCP", accepted for ACM CCR, 1998.

Isidor Kouvelas, Vicky Hardman and J Crowcroft "Self Organising Transcoders", to appear in proc of NOSSDAV 98.

L Vicisano, L Rizzo and J Crowcroft TCP like congestion control for layered reliable multicast data transfer, in IEEE Infocom 97.

https://web.archive.org/web/20010217183731/http:/www.cs.ucl.ac.uk/darpa

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BTWORKSHOP.PPT - slides about  winsock stack management
GLOBECOM96-mcast.tex - about multicasting proceedings of nov 96 IEEE Globecom
GLOBECOM96-mcast.ps
IDMR    - archives for IETF Working Group on Inter Domain Multicast Routing
README - this file
abr-cbr-vbr-tcp.ps.Z - draft about expected  TCP behaviour on different ATM bearer service classes
atm-congestion-mail-sample.Z - email n ATM forum about congestion
atm-end-sys-test.jun_rep.ps.Z - report on some ATM kit tests at UCL
atmf-ietf.doc - comparison of traffic service models for ATM and Internet
atmf-ietf.ps.Z
bulk.ps - a draft about a multicast reliable bulk transfer protocol
bulk.ps.Z
button.pl
cats.ps - paper about herding cats and modeling the internet
cbq-slides.ps.Z - Class Based Quueing wqork at UCL
cbr-vbr-tcp.ps.Z - more notes about TCP and ATM bearer service classes
cccp-sigcomm95.ps.Z - (Multimedia realtime) Conference Control Channel Protocol
cccp.ps.Z
cccp.tar.Z
charging.ps.gz - some ideas on billing
chat2.pl
confarch.ps - a note on conference control protocol architectures
control.tar
core-dumps
dsepap.ps - a paper about the future prospects of the internet
dsepap.ps.Z
dvr.ps.Z - a draft about protocols for distributed VR
enteahee.ps - a note about a network text editor
flowspec-multimedia.ps.Z
ftplib.pl
gaga.shar - a Generic Algorithm for Genetic Algorithms
globecom-ieee.ps - a different version of the Globecom report
globecom1.5.gif
globecom1.5.ps
globecom2.5.gif
globecom2.5.ps
globecom3.5.gif
h221_encoder.tar.Z - an H221 framing implementation
hip1.ps - first deliverable from HIPPARCH project
iee-colloquium-price.txt - another draft on network pricing
iee-telecommunications95-journal.ps.Z - a note about the internet
ieearticle.ps.Z - a different note about the internet
ieee-communications-isp-prov.ps.gz - a note about ISPs
ieee-nets-pwhite.ps.Z - a paper about RSVP
ieee-ton95-cbt.ps.Z a paper about Core Based Tree style multicast routing
internetatmconvergence - more html notes about IP and ATM service models
iop-atmn.ps.Z  - what is bad about ATM
iop-atmy.ps.Z - what is ok about ATM
ip-atm.txt - a report about how ATM did not work at all well for IP
ipc-conf.ps
ipj-cast.ps - paper about state of multicast in 1999
isdn-mbone-report.ps - using ISDN for the Mbone
janetvid.ps.Z - experiences with video over the JANET netwrk
javacast.tar.Z - casting java...
jntvid1.ps.Z
jntvid2.ps.Z
jpd - paul dourish's thesis
jsac-group.ps.Z
kings -  a comms course
layers.ps
loki.tar.Z - a prototype video conf tool
mash.c.Z - a multicast to unicast UDP relay tool
mash.1.Z
mbone-event-grow.ps - how fast the mbone grew
measurements
mm.ps.Z - a book about multimedia
mm2html - converting nroff with mm macros to html
mm2html-v1.1.tar.Z
mm2html-v1.3.tar.Z
mm2html-v1.4.tar.Z
mmd - the multicast mail delivery tool
mmd.ps.Z
mnm-demo.zip - a demo of the winsock stack manager
monstermash.1.Z - a better (?) version of mash
monstermash.c.Z
mos-deliverables.doc - mean opinion scores
multicast-congestion.ps.Z - some ideas on multicast congestion
multisrc.ps - paper about congestion control for multiple source multicasts
ods.ps.Z - a book about Open Distributed Systems
pathchar.ucl2mit.22.4.97 - output of van's latest tool
pstogif
qfDES.tar.Z
qos-routing.ps - a paper abotu QoS based routing
qos1.eps
qos2.eps
qos3.eps
rams
refer2html.pl - a script to convert refer docs to html
reuters
rmfp-2.txt - Reliable Multicast Framing Protocol
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rmfp-3.txt
rmfp-srm.txt
rmfp.txt
routing.ps.Z - more about QoS routing...
rpctxt.tar.Z - a simple text RPC package
rsvp3.doc - a note about RSVP and how it works
rsvp3.ps
rsvpq.ps - rsvp and q2931 - differences
sax.tar.Z - a spatial audio X tool
sigcomm-4.ps.gz - CBT Paper from SIGCOMM 93
sigcomm-slides.ps.Z - congestion control adaptive video tool
skynet.ps.Z - a note about makign the internet into skynet
socket.ph
syscall.ph
tangle.ps.Z - how the web works
tcp-multicast.lp - making TCP do multicast (horribly)
tcp-real-time.lp - making TCP do "realtime (horribly)
tcprt.annex
temp
thraceroute.c - traceroute eith bandwidth estimation
traceroute.tar.Z
ttcp.c.Z - matt mathis' tcp tester
ucl-badges.tar.Z - an active badge package
ucl_logo.gif
url.pl
usenix-cbq.ps.Z - the Class Based Queing UCL paper
vic-encrypt.tar.gz - encdrypting version of VIC
vjtut.ps.Z - Van Jacobson's SIGCOMM 94 tutorial slides
www-mbone.ps.Z - multicasting and WWW
www-problems-article.ps.Z - some things that are wrong with WWW
zwang
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	Name	Last modified	Size	Description
[UP]	Parent directory			
[GZP]	Z1web.ppt.gz	25-May-97 12:39	38K	
[GZP]	abone-t.ppt.gz	30-May-00 08:04	695K	
[CMP]	abr-cbr-vbr-tcp.ps.Z	17-Apr-94 12:59	54K	
[BIN]	alanp.zip	01-Dec-00 13:24	4.5M	
[GZP]	alpine.doc.gz	06-Nov-98 10:02	21K	
[GZP]	aqureshi-draft.ps.gz	29-Jan-01 15:55	398K	
[CMP]	atm-congestion-mail-s>	20-Sep-94 17:28	85K	
[CMP]	atm-end-sys-test.jun_>	06-Jun-94 14:04	47K	
[GZP]	atmf-ietf.doc.gz	27-Oct-95 15:09	20K	
[CMP]	atmf-ietf.ps.Z	10-Feb-95 09:13	37K	
[GZP]	atmipint.doc.gz	22-May-98 10:26	78K	
[GZP]	atmipint.ps.gz	22-May-98 10:25	66K	
[GZP]	brasil.ppt.gz	27-Apr-00 08:45	588K	
[BIN]	btstack.zip	11-Feb-98 22:56	27K	
[GZP]	BTWORKSHOP.PPT.gz	18-Apr-97 17:22	27K	
[GZP]	bulk.ps.gz	18-Feb-97 09:00	28K	
[CMP]	bulk.ps.Z	23-Oct-96 13:10	36K	
[ ]	button.pl	13-Mar-94 14:05	1K	
[DIR]	cairn/	19-Jun-00 13:13	-	
[GZP]	cats.pdf.gz	29-Jul-99 14:42	205K	
[GZP]	cats.ps.gz	22-Feb-00 10:55	43K	
[CMP]	cbq-slides.ps.Z	03-Aug-94 10:05	26K	
[CMP]	cbr-vbr-tcp.ps.Z	12-Jun-94 14:01	54K	
[GZP]	cbt.tar.gz	18-Aug-97 17:43	61K	
[CMP]	cccp-sigcomm95.ps.Z	23-May-95 08:38	94K	
[CMP]	cccp.ps.Z	21-Jul-94 14:17	106K	
[CMP]	cccp.tar.Z	06-Feb-96 08:51	883K	
[GZP]	ccr_yam99.ps.gz	01-Feb-99 08:49	75K	
[GZP]	charging.ps.gz	20-Jan-97 17:15	54K	
[ ]	chat2.pl	14-Mar-94 14:32	8K	
[GZP]	cnis.ps.gz	12-Apr-99 14:00	53K	
[GZP]	cnisdn-article.ps.gz	09-Jan-98 14:07	42K	
[GZP]	comp98.doc.gz	24-Sep-98 14:52	34K	
[GZP]	confarch-connexions.p>	06-May-97 09:12	31K	
[GZP]	confarch.ps.gz	03-Jul-96 14:21	31K	
[GZP]	confstack.ps.gz	06-May-97 09:11	3K	
[GZP]	control.tar.gz	30-Jul-93 17:26	886K	
[GZP]	corba4.ppt.gz	31-Jul-97 09:47	12K	
[DIR]	core-dumps/	14-Jan-97 08:33	-	
[CMP]	cost237-apr25-97.tar.Z	25-Apr-97 14:36	27K	
[GZP]	cost237-ipots.ppt.gz	06-May-98 17:16	10K	
[GZP]	cram-sim.ps.gz	18-Jun-98 12:30	148K	
[CMP]	cram.ps.Z	01-Dec-97 08:48	71K	
[GZP]	crowded.ps.gz	12-Sep-00 10:29	7.3M	
[TXT]	davic-brief.txt	06-May-97 09:09	1K	
[GZP]	davic.ppt.gz	06-May-97 09:09	11K	
[GZP]	dsc4.ppt.gz	31-Jul-97 09:47	117K	
[GZP]	dsepap.ps.gz	24-Mar-97 15:48	35K	
[CMP]	dvr.ps.Z	23-Oct-96 12:36	57K	
[GZP]	e2e-jun99.ppt.gz	16-Jun-99 09:31	8K	
[CMP]	flowspec-multimedia.p>	13-Aug-92 17:13	28K	
[GZP]	fry.ps.gz	24-Aug-99 15:07	69K	
[ ]	ftplib.pl	14-Mar-94 14:32	9K	
[GZP]	fume.ps.gz	30-Mar-00 08:31	35K	
[ ]	gaga.shar	30-Sep-92 15:48	49K	
[DIR]	gevros/	14-Dec-00 22:10	-	
[GZP]	gevros-iwqos99.ps.gz	28-Jan-99 14:22	268K	
[GZP]	gigo.ps.gz	14-Sep-99 16:38	87K	
[GZP]	globecom-ieee.ps.gz	06-Feb-97 09:47	137K	
[IMG]	globecom1.5.gif	20-Feb-97 08:40	171K	
[GZP]	globecom1.5.ps.gz	15-Feb-97 18:05	70K	

[IMG]	globecom2.5.gif	20-Feb-97	08:40	97K
[GZP]	globecom2.5.ps.gz	15-Feb-97	18:05	46K
[IMG]	globecom3.5.gif	20-Feb-97	08:40	111K
[CMP]	GLOBECOM96-mcast.ps.Z	24-Mar-97	15:19	225K
[ ]	GLOBECOM96-mcast.tex	24-Mar-97	15:20	26K
[GZP]	gra.ps.gz	23-Nov-99	09:25	118K
[TXT]	gum-draft.txt	26-Sep-97	13:43	36K
[GZP]	hipparch-wkshp97.ps.gz	17-Jun-97	15:21	97K
[GZP]	hpim.ps.gz	01-Dec-97	17:09	95K
[GZP]	huitema-interop97-qos>	09-Dec-97	01:11	547K
[GZP]	hymns.ps.gz	25-Mar-98	13:30	14K
[GZP]	i95.ppt.gz	24-Sep-00	16:44	11K
[GZP]	iab-surveillance.ppt.>	24-Sep-00	15:35	17K
[GZP]	icatm.ps.gz	25-Mar-98	08:36	67K
[DIR]	IDMR/	27-Jan-99	21:04	-
[TXT]	iee-colloquium-price.>	08-Oct-96	08:36	17K
[GZP]	iee-hp-7-8.5.98.ppt.gz	08-May-98	08:24	38K
[GZP]	iee-route-options97.p>	25-Sep-97	14:31	19K
[GZP]	iee-telecommunication>	05-Dec-96	15:04	424K
[CMP]	ieearticle.ps.Z	27-Nov-95	10:50	595K
[GZP]	ieee-communications-i>	25-Sep-96	13:39	36K
[CMP]	ieee-nets-pwhite.ps.Z	12-Jan-97	16:15	667K
[CMP]	ieee-ton95-cbt.ps.Z	23-Apr-97	08:46	101K
[IMG]	image685.gif	07-Jan-99	08:28	33K
[GZP]	infocom00-tutorial.pp>	19-Jan-00	14:23	547K
[GZP]	infocom98.ps.gz	21-Jul-98	09:18	81K
[DIR]	internetatmconvergen>/	22-May-96	09:40	-
[CMP]	iop-atmn.ps.Z	07-Jun-95	10:20	45K
[CMP]	iop-atmy.ps.Z	07-Jun-95	10:19	36K
[TXT]	ip-atm.txt	20-Feb-96	12:59	20K
[GZP]	ip-photons.ps.gz	09-Mar-00	11:05	20K
[GZP]	ipc-conf.ps.gz	17-Feb-97	08:26	36K
[GZP]	ipccc_paper.ps.gz	27-Jan-00	16:08	92K
[GZP]	ipj-cast-1.pdf.gz	26-Nov-99	12:35	191K
[GZP]	ipj-cast-2.ps.gz	28-Jan-00	09:16	43K
[TXT]	ipng-infowin.html	07-Jan-99	08:37	25K IPng - State of the Art
[GZP]	isdn-mbone-report.ps.>	07-Mar-97	13:43	43K
[GZP]	ispa-talk.ppt.gz	22-Oct-00	10:53	17K
[GZP]	iwakeman-thesis.ps.gz	12-Feb-98	08:41	409K
[GZP]	iwan.ps.gz	02-May-00	12:56	431K
[IMG]	iwqos-rat.gif	23-May-97	14:48	4K
[CMP]	janetvid.ps.Z	09-Oct-92	09:11	60K
[GZP]	java4.ppt.gz	31-Jul-97	09:47	12K
[CMP]	javacast.tar.Z	02-Apr-96	16:36	21K
[GZP]	javaPerf.doc.gz	15-Sep-98	15:09	2.1M
[ ]	javaTcpDatagramApp.tgz	01-Aug-00	11:26	164K
[CMP]	jdse.ps.Z	25-Sep-94	14:24	848K
[CMP]	jntvid1.ps.Z	28-Oct-94	09:27	34K
[CMP]	jntvid2.ps.Z	28-Oct-94	09:27	29K
[GZP]	jons-thesis.ps.gz	08-Feb-00	11:36	308K
[GZP]	jons-view.ppt.gz	03-Mar-98	11:01	7K
[DIR]	jpd/	07-Feb-97	22:49	-
[CMP]	jsac-group.ps.Z	03-Sep-96	09:25	83K
[GZP]	kouvelas-thesis.ps.gz	12-Jul-98	17:45	498K
[GZP]	layers.ps.gz	27-Jan-97	16:09	49K
[CMP]	loki.tar.Z	19-Jan-95	10:33	106K
[GZP]	m-pias.ps.gz	08-Jun-99	16:35	386K
[ ]	Makefile.ucl-ns-work	13-Feb-98	12:16	8K
[BIN]	maps.zip	11-Nov-98	17:20	1.1M
[CMP]	mash.1.Z	09-Jul-92	09:07	1K
[CMP]	mash.c.Z	09-Jul-92	09:07	4K
[TXT]	mbgp-draft.txt	26-Sep-97	13:42	44K
[GZP]	mbone-event-grow.ps.gz	06-Feb-97	11:41	2K
[DIR]	measurements/	10-Jan-94	20:02	-
[GZP]	mirc.tar.gz	13-May-97	15:38	82K
[GZP]	mjh-dt-i.ppt.gz	28-Mar-00	10:53	80K
[GZP]	mjh-thesis.ps.gz	24-Nov-97	16:32	359K
[TXT]	mm-index.txt	03-May-99	15:59	9K
[GZP]	mm.ps.gz	03-Dec-98	17:07	740K
[BIN]	mm.zip	03-Dec-98	17:07	1.1M
[ ]	mm2html	03-May-94	15:13	14K
[CMP]	mm2html-v1.1.tar.Z	17-Mar-94	10:24	24K
[CMP]	mm2html-v1.3.tar.Z	03-May-94	15:12	28K
[CMP]	mm2html-v1.4.tar.Z	24-Oct-95	08:59	53K
[DIR]	mmd/	20-Sep-95	08:14	-
[CMP]	mmd.ps.Z	19-Jun-96	13:31	40K
[BIN]	mnm-demo.zip	18-Apr-97	17:19	27K
[GZP]	mobile4.ppt.gz	31-Jul-97	09:47	148K
[CMP]	monstermash.1.Z	17-May-94	07:42	1K
[CMP]	monstermash.c.Z	09-Jul-92	09:07	4K
[GZP]	mos-deliverables.doc.>	02-Sep-96	17:10	5K
[TXT]	mtf.c	07-Aug-00	17:15	2K
[GZP]	multcp.ps.gz	01-Jul-98	08:52	93K
[CMP]	multicast-congestion.>	14-Jun-94	13:11	90K
[TXT]	multicast-flood-igmp->	24-Aug-00	13:59	2K
[GZP]	multisrc.ps.gz	07-Sep-99	16:59	34K
[GZP]	mw.ppt.gz	02-Aug-00	12:03	8K
[GZP]	n.kausar-thesis.appa.>	26-Nov-99	15:50	68K
[GZP]	n.kausar-thesis.appb.>	26-Nov-99	15:52	37K
[GZP]	n.kausar-thesis.ps.gz	26-Nov-99	08:39	1.4M
[GZP]	ngc2000-rlf.ps.gz	19-Sep-00	14:27	270K
[GZP]	ngc2001-cfp.ps.gz	09-Nov-00	00:22	4K
[GZP]	ns-allinone-2.1b6a.ta>	19-Jun-00	13:08	30M
[GZP]	nte.ps.gz	23-Mar-97	14:47	61K
[ ]	ntpproxylet.jar	01-Aug-00	11:26	73K
[GZP]	objects4.ppt.gz	31-Jul-97	09:47	24K
[CMP]	ods.ps.Z	18-Dec-96	10:59	813K

[GZP]	ogmp.ps.gz	23-Nov-99 08:48	69K
[DIR]	p/	24-Aug-98 16:18	-
[GZP]	p235-seo.pdf.gz	12-Jan-01 14:51	1.3M
[GZP]	p247-crowcroft.pdf.gz	12-Jan-01 14:52	911K
[TXT]	pants.txt	01-Apr-00 10:44	4K
[ ]	pathchar.ucl2mit.22.4>	23-Apr-97 08:42	1.1M
[GZP]	pcbq.ps.gz	11-Nov-99 19:32	81K
[GZP]	pfrancis-thesis.ps.gz	12-Feb-98 08:40	335K
[DIR]	pgm/	08-Sep-99 16:33	-
[CMP]	pk_phd_thesis.ps.Z	06-Jan-99 15:59	2.6M
[GZP]	price-complexity.ps.gz	07-Aug-98 12:54	42K
[ ]	pstogif	17-Mar-94 10:02	1K
[GZP]	qos-routing.ps.gz	11-Feb-99 12:28	37K
[CMP]	qos-routing.ps.Z	10-Apr-96 14:19	45K
[ ]	qos1.eps	08-Apr-97 15:07	5K
[ ]	qos2.eps	08-Apr-97 15:07	5K
[ ]	qos3.eps	08-Apr-97 15:07	5K
[GZP]	qosapi.doc.gz	11-Jun-98 08:50	142K
[BIN]	qostut.zip	07-May-99 11:55	623K
[GZP]	qureshi.ps.gz	18-Jun-98 10:36	8K
[DIR]	rams/	31-Mar-95 15:40	-
[GZP]	rc.ps.gz	04-Nov-98 10:59	917K
[GZP]	rdpd.ppt.gz	30-Apr-97 09:09	12K
[ ]	README	02-Aug-99 10:40	4K
[ ]	refer2html.pl	24-May-94 11:39	5K
[GZP]	rlc-dps.ps.gz	18-Jan-00 09:33	46K
[ ]	rlcdps.jar	02-Dec-99 12:19	6K
[TXT]	rm-minutes.txt	24-Apr-97 12:40	26K
[TXT]	rmfp-2.txt	02-Dec-96 13:27	11K
[TXT]	rmfp-3.txt	27-Jan-97 16:14	22K
[TXT]	rmfp-srm.txt	02-Dec-96 13:27	20K
[GZP]	rmfp.ppt.gz	27-Nov-97 08:50	17K
[TXT]	rmfp.txt	02-Dec-96 13:27	11K
[GZP]	rmrg-navy.ppt.gz	06-Jun-99 09:12	6K
[GZP]	rmrg.xwd.gz	07-Jul-98 13:55	7K
[GZP]	rmrg2.xwd.gz	07-Jul-98 13:56	9K
[CMP]	routing.ps.Z	03-Mar-94 17:37	46K
[GZP]	royal-society-network>	22-Nov-99 12:55	42K
[GZP]	rpcperf.network.tar.gz	07-Jun-00 08:46	48K
[CMP]	rpctxt.tar.Z	12-Jan-94 11:13	5K
[GZP]	rpgm-report.doc.gz	05-Sep-00 09:39	613K
[GZP]	rpgm-v0.6.tar.gz	05-Sep-00 09:54	163K
[GZP]	rs.ppt.gz	07-Dec-99 08:35	41K
[GZP]	rsvp2.ps.gz	22-May-98 10:48	55K
[GZP]	rsvp4.doc.gz	01-Aug-97 13:16	38K
[GZP]	rsvp4.ps.gz	01-Aug-97 16:27	45K
[GZP]	rtp-not-shared-worksp>	20-Apr-00 12:21	36K
[GZP]	rtpc-interleave-infoc>	21-Oct-99 16:28	37K
[GZP]	rtpi.ppt.gz	28-Mar-00 10:54	11K
[GZP]	rtpi.ps.gz	06-Mar-00 15:33	34K
[GZP]	s.pdf.gz	05-Feb-99 09:09	466K
[CMP]	sax.tar.Z	16-Mar-93 17:56	9K
[CMP]	seal.ps.Z	10-Feb-95 12:13	30K
[GZP]	SenRes.doc.gz	20-Oct-98 14:51	153K
[GZP]	SenRes.ps.gz	20-Oct-98 14:41	488K
[GZP]	SenResHPN.doc.gz	18-Jun-98 11:38	80K
[GZP]	SenResHPN.ps.gz	02-Jun-98 12:33	116K
[GZP]	sf.ps.gz	19-Mar-99 12:23	159K
[GZP]	sigcomm-4.ps.gz	10-Nov-97 08:49	72K
[CMP]	sigcomm-slides.ps.Z	26-Aug-94 13:51	63K
[GZP]	simple-multicast.ps.gz	01-Apr-99 11:19	57K
[TXT]	simple-multicast.txt	14-Dec-98 15:58	52K
[CMP]	skynet.ps.Z	23-Jun-95 13:05	151K
[ ]	sm-1.eps	05-May-99 08:25	3K
[GZP]	sm-ccr-draft.ps.gz	05-Nov-99 08:15	52K
[ ]	sm-draft-paper.tex	28-Apr-99 08:40	56K
[ ]	sm-icnp.tex	16-Jun-99 12:56	56K
[GZP]	sm-ieee-sub.ps.gz	05-Oct-99 09:29	60K
[GZP]	sm.ps.gz	04-Feb-99 12:25	57K
[GZP]	sma.ps.gz	04-Feb-99 12:29	56K
[GZP]	soar.ps.gz	17-Feb-00 10:53	31K
[ ]	socket.ph	14-Mar-94 14:29	0K
[GZP]	sot.ps.gz	21-Feb-98 19:42	144K
[ ]	syscall.ph	14-Mar-94 14:32	5K
[CMP]	tangle.ps.Z	30-Sep-94 10:35	39K
[ ]	tcp-multicast.lp	27-Aug-93 09:01	13K
[ ]	tcp-real-time.lp	27-Aug-93 09:01	10K
[ ]	tcprt.annex	27-Aug-93 09:01	2K
[DIR]	temp/	18-Apr-95 17:23	-
[GZP]	thesis_kc.ps.gz	29-Oct-99 08:05	559K
[TXT]	thraceroute.c	13-Jan-94 14:13	24K
[GZP]	tina-ip.ppt.gz	18-Mar-98 19:00	97K
[DIR]	tmp/	14-Feb-01 11:17	-
[GZP]	treacle-well.doc.gz	08-Dec-00 18:39	666K
[GZP]	treaclewell.doc.gz	12-Dec-00 18:46	666K
[ ]	u.pl	07-Aug-98 09:44	9K
[TXT]	ucl-acirisummary.txt	11-Feb-00 17:00	8K
[CMP]	ucl-badges.tar.Z	07-Jun-94 18:02	281K
[GZP]	ucl-d4.ps.gz	29-Jun-99 17:16	63K
[GZP]	ucl-ns-work.tar.gz	13-Feb-98 11:35	28K
[IMG]	ucl_logo.gif	02-Dec-94 14:10	1K
[GZP]	unbearable-lightness->	31-Jan-00 15:17	317K
[CMP]	unified.ps.Z	07-Jan-98 08:37	51K
[ ]	url.pl	13-Mar-94 14:05	9K
[CMP]	usenix-cbq.ps.Z	07-Nov-94 18:19	74K
[CMP]	vjtut.ps.Z	28-Apr-95 09:30	143K

[GZP]	watercast.pdf.gz	04-Apr-00 10:19	312K
[GZP]	watercast.ps.gz	11-Feb-99 16:57	44K
[CMP]	www-mbone.ps.Z	18-Apr-96 15:22	43K
[CMP]	www-problems-article.>	04-Jun-96 12:40	46K
[GZP]	WWWcos.doc.gz	01-Oct-98 20:32	82K
[GZP]	WWWcos.ps.gz	02-Jun-98 00:32	84K
[CMP]	WWWcos.ps.Z	03-Jun-98 09:13	122K
[GZP]	yield-pricing.pdf.gz	03-Aug-00 11:15	2.6M
[DIR]	zwang/	11-Dec-96 10:32	-

263 files

https://web.archive.org/web/19981203112130/http:/www.cs.ucl.ac.uk:80/staff/jon/

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Jon Crowcroft

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contact

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  Fax: +44 171 387 1397
  Email: J.Crowcroft at cs.ucl.ac.uk

(this "page", as always, is under deconstruction)

projects

- BT fund Management of Multiservice Networks (mmn) and under one umbrella, HIGHVIEW, JAVIC, HICID and Learnet Infrastructure.
- Esprit HIPPARCH, High Performance Protocol Architectures had a workshop in June 1998.
- ACTS COIAS, COnvergence Internet-ATM-Satellite
- Reuters also fund a long standing project in the department.
- Nortel (UK and Canada) also funds some Internet Teleophony and IETF activities.
- HP fund LINGO and Saleem Bhatti's work on QEDANA under the Internet Research Institute.
- The EU ACTS Project, Flowthru
- A DARPA funded project on multicast, multimedia and multiservices.
- Mosquito on Mobile Qos
- Some Past Projects

Next year IEEE IWQoS is at UCL., which should be interesting. i keep a list of comms calls for papers, while a lot of papers are on our ftp server, while some of mine are gettable via Henning Schulzrinne's excellent online bibliography

teaching

undergraduate

- 1B10 - Computer Architectures based mainly on Patterson&Hennessy;

dcnds msc 98/99 timetable, (alumni, see here)

- D59

telecom msc and mres & timetable and modules

- data networks & protocols
- distributed systems for telecoms+ Additional notes on objects, java, corba and mobility
- interative multimedia systems

martlesham msc

- data networks (7) + lecture on IP traffic management and notes on internetworking.
- multimedia customer applications(15)

project suggestions for b20b 2ndyr, 3rd year BSc, and MSc and MSc DCNDS groups.

students

Virtually all current and past PhD Students and their thesis work are online too.

baby bio

I'm a professor in the Department of Computer Science University College London, and am careers liason and publications officer.

I'm interested in multi-media Communications. i've been working in these areas for 17 years. i graduated in Physics from Trinity College, Cambridge University in 1979, and got an MSc in Computing in 1981, and PhD in 1993. (before that i even went to school once). i'm a member of the ACM, and chair of its SIGCOMM which picturesque conference was this year in Vancouver). i'm currently on the Internet Architecture Board ;a member the British Computer Society, a bloke (sorry, fellow) of the IEE and a Senior Member the IEEE. i'm also on the editorial team for Transactions on Networking , Monet , and Cluster

"soft"ware

- With Mark Handley I was co-author of WWW: Beneath the Surf.
- I once wrote a book on Open Distributed Systems.
- A book on Internet Multimedia is in progress
- Java Internet Phone An MSc group developed this which is fully RTP/SDP/SIP/JTAPI compliant, Java Internet Phone, with relaying between POTS and the Internet - its very cute!.
- Genetic Algorithm for General Application is work from a former existence relating to AI.
- Mash is a multicast assistance program that takes UDP multicast packets on a given address/group/port and unicasts them on a given address/port, and vice versa.
- trivial text RPC package

whe{n|re}abouts

- finger jon at cs.ucl.ac.uk
- my calendar for today etc
- my searchable bookmarks
- squeak your text
- cgi test (example for students)
- java applet test link (example for students)

misc

- Graham Knight has some v. useful bike links
- just wot is qos?
- And where is newtwocking leading us?

UCL CS Home and also ucl cs search