

BRIEF TIME LINE HISTORY OF INTERNET - Prof. Richard B. Goldstein

1960's

- early 60's Defense Advanced Research Project Agency (ARPA) - first conception of Internet
- 1967 First plans for **ARPANET** discussed at ACM meeting in Gattingsburg, TN
- 1969 On October 29, 1969 **Clarley Kline** of **UCLA** (1) sends the message "LOGIN" to **Stamford Research Institute** (2). It crashes as "G" was entered. The third node was UC Santa Barbara and fourth was University of Utah.

1970's

- 1971 There are 23 host nodes at Universities and Government locations. In our area MIT, Harvard, and Lincoln Labs (defense research lab started by MIT)
- 1973 International - University College in London, England and Royal Radar Establishment in Norway
- 1974 **TELNET** - first commercial version of ARPANET
- 1979 **USENET** - news group started at Duke University and U of North Carolina

1980's

- 1981 213 host nodes for ARPANET
- 1982-87 **TCP/IP** (Transmission Control Protocol/Internet Protocol) common language for a loose connection of networks
- 1987 over 10,000 hosts
- 1988-90 first hackers, viruses and worms
- 1989 over 100,000 hosts

1990's

- 1991 **World Wide Web** is born
Tim Berners-Lee working at CERN in Switzerland posts first computer code in a newsgroup .alt.hypertext - creates **HTML** - that combines words, pictures, and sounds on Web pages
- 1991-93 **Marc Andreesson** (later associated with Netscape) at NCSA (National Center for Super Computer Applications) at U of Illinois at Urbana-Champlain develops a graphical browser called Mosaic.
- 1992 over 1,000,000 hosts; commercial ban on use of Internet is lifted by NSFNET
- 1997 over 20,000,000 hosts connected to Internet

2000's

- 2002 over 160,000,000 hosts (source: Internet Software Consortium <http://www.isc.org/>)
- 2005 over 320,000,000 hosts