

THE SECOND INTERNATIONAL

WWW CONFERENCE '94 Mosaic and the Web Advance Proceedings Volume I

Editors: Conference Organizing Committee
Ira Goldstein, OSFRI, Co-chair

Joseph Hardin, NCSA/UIUC, Co-chair Tim Berners-Lee, MIT/CERN Larry Brandt, NSF Robert Cailliau, CERN Jim Fullton, CNIDR Tim Krauskopf, Spyglass Inc. Ed Krol, UIUC/CESO Yasuyo Kikuta, Fujitsu Barbara Kucera, NCSA/UIUC Corinne Moore, UniForum R.P.C. "Rick" Rodgers, NLM Michael Schwartz, U of Colorado Yuri Rubinsky, SoftQuad Tony Rutkowski, Internet Society Jackie Stewart, OSFRI Marty Tenenbaum, EIT Janet Thot-Thompson, NRC

17 through 20 October 1994 Chicago





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JFF

Words of Welcome:

On behalf of the Conference Organizing Committee, we are pleased to welcome you to the Second International World Wide Web Conference: Mosaic and the Web. As was the case with the First International Conference held at CERN, this one has turned out to be far more popular than anticipated. We want to thank everyone who has contributed to the success of the Web and is continuing to build it.

There is plenty of hyperbole in hyperspace, but it is not an exaggeration to say that we are all taking part in an historic process. We are engaged in a collective global project that will affect everyone on the planet and that keeps growing at phenomenal rates. The purpose of this conference is to provide a place where users and developers, the experienced and the novice, can all come together, exchange their experiences, and share their excitement about these new technologies. The proceedings provided here are another way to share in that excitement, knowledge, and experience.

Participants from all over the world will present papers, posters and demonstrations at this conference, and that diversity reflects the richness of the community that is producing the new global information infrastructure and populating it with content. We have tried to provide as much connectivity and opportunity for people to get together and show each other their work as possible. The openness of this community and its commitment to truly global perspectives are some of its fundamental strengths, and this conference is dedicated to furthering that openness and global view. The Web has always been meant as an open space where people could come together, to work, play or converse. That is also the goal of this conference.

Joseph Hardin Ira Goldstein October 1994

The papers listed in the table of contents reflect the presentations given at the conference. The papers printed in this document are indicated by a page number in the right-hand margin; papers with a bullet (\cdot) in the right-hand margin are not included in this document. All conference papers are available in the electronic proceedings, which can be accessed via the conference home page at the URL listed below. Plenary sessions and tutorials are not included in the proceedings.

The conference poster was adapted, with the permission of <u>Science</u> magazine and the AAAS, from the cover of the 12 August 1994 issue of <u>Science</u> magazine. The digital composite was created by I. Kallick and B. Schatz, both of NCSA/UIUC, using contributions from public domain sources on the Internet.

The printed and electronic versions of the Advance Proceedings were assembled by members of the NCSA Software Development Group staff, with the particular efforts of F. Baker, M. Burkee, J. File, and J. Wehmer.

Conference home page: http://www.ncsa.uiuc.edu/SDG/IT94/IT94Info.html



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