Editorial

SPECIAL ISSUE: PROCEEDINGS OF EP'94, THE ELECTRONIC PUBLISHING, DOCUMENT MANIPULATION, AND TYPOGRAPHY CONFERENCE

EP'94 — Electronic Publishing '94 — is the fifth in a series of international conferences dedicated to promoting the exchange of novel ideas in the areas of electronic publishing, document manipulation, and typography. It was held at Seeheim, near Darmstadt, Germany, and was organized by GMD, the German National Research Organization for Information Technology. EP'94 in combination with RIDT'94 (a conference on raster imaging and digital typography), PODP'94 (a workshop on principles of document processing), and TEP'94 (a workshop on teaching electronic publishing and digital typography) formed WEPT, a Week on Electronic Publishing and Typography.

The 'EP'even' series of conferences has, by now, quite a story to tell: it began in 1986 with EP'86 held at Nottingham, England, which was sponsored by the British Computer Society. Two years later, EP'88 followed, taking place in Nice, France, and was sponsored by INRIA. It focused on specific aspects of electronic document production, from composition to printing. EP'90, sponsored by the United States Department of Commerce, National Institute of Standards and Technology, was held in Gaithersburg, Maryland, and extended its scope to include hypertext and hypermedia systems, document recognition and analysis, as well as application of database techniques to document handling.

EP'92, held in Lausanne, Switzerland, confirmed the trend of electronic publishing to affect more and more areas of computer science. EP'94 follows this trend and comprises the wide spectrum of the electronic publication process, ranging from content acquisition techniques, document handling, editing and value-adding, through to production of printed and electronic publications and to aspects of their use.

The papers of the EP'94 proceedings reflect the convergence of research areas of electronic publishing such as manipulation of structured documents and hypermedia technology. The application areas addressed include linguistics, music, electronic reference works, and electronic journals. Physical appearance of electronic documents, as a topic, covers information presentation which simulates the printed page, as well as innovative hypermedia presentations and interaction styles.

Contributions to EP'94 came from the industry as well as from the academic community. Contributors mainly came from Europe, USA, and Japan. The papers in this volume are organized according to the structure of the conference; they are assigned to the following parts: Document Manipulation Techniques, Structure Transformations, Multimedia and Hypertext, Document Recognition, Document Preparation and Publishing. They were reviewed by an international programme committee and we should like to thank the programme committee members and all those who have helped in the refereeing process for the work they performed.

In a full, day-long, programme committee meeting each paper was discussed individually and seventeen were selected for the conference. In addition, one invited talk for this conference and a common session together with RIDT'94 — including two invited papers and a keynote speech — complemented the conference with additional topics and perspectives.

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