

1993 Annual Meeting Proceedings

TeX Users Group

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# TUGBOAT

COMMUNICATIONS OF THE TEX USERS GROUP

TUGBOAT EDITOR BARBARA BEETON

PROCEEDINGS EDITORS MIMI BURBANK  
SEBASTIAN RAHTZ

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## Editorial and Production notes

This volume includes the majority of papers presented at TUG'93; the exceptions are Richard Kinch's *True T<sub>E</sub>X: A New Implementation for Windows*, Richard Southall's *Document Design* and Laurent Siebenmann's *The Spacing Around Math*, which were not offered for publication. One paper, Nelson Beebe's *Bibliography Prettyprinting and Syntax Checking*, was too long for the *Proceedings* and will be published in full in the next issue of *TUGboat*.

The following workshops and panel sessions were held (organiser's name in brackets): *ÆT<sub>E</sub>X3* (Frank Mittelbach), *Virtual Fonts* (Michael Doob), *Bibliographic Formatting Tools* (David Rhead), *Multilingual T<sub>E</sub>X* (Yannis Haralambous), *Archives, Typographic Issues*, and *Math Font Encodings*. Alan Jeffrey's report on the latter is included in these *Proceedings*.

This volume breaks with *TUGboat* tradition by making almost no use of Donald Knuth's Computer Modern font family. All the papers are set in Lucida Bright, with Lucida Sans, Lucida Typewriter and Lucida New Math used where appropriate, at just below 9pt. The only exceptions are figures in the papers by Daniel Taupin where the macro packages were strongly wedded to CMR-like font names. We hope that *TUGboat* readers will enjoy this changed look, or at least use it as a conversation piece. It is salutary to relate that many of the papers were carefully tuned by their authors to fit the page size and line breaks *if* they were set in Computer Modern — Lucida caused many headaches for the editors for this reason! Readers may also notice that two different sets of hyphenation patterns were used — all papers by non-American authors were set using UK English hyphenation.

All papers were received, edited and reviewed via electronic mail. Four papers — Haralambous, Taupin (twice) and Plaice — needed their own fonts to be built using METAFONT. Just one figure had to be pasted in, for obvious reasons — the example output in Kawaguti's paper. The nine plain T<sub>E</sub>X and twenty L<sup>A</sup>T<sub>E</sub>X files were processed on a Sun SPARCstation (the same machine at Aston which hosts the UK T<sub>E</sub>X Archive, courtesy of Peter Abbott), and PostScript output prepared with Tom Rokicki's *dvips*. The L<sup>A</sup>T<sub>E</sub>X files used the New Font Selection Scheme, version 2, throughout, and the plain T<sub>E</sub>X files used a specially-prepared format file with the Lucida fonts specified. The 'Cork' (DC) encoding was used for all text fonts. The output was printed using PK fonts, generated by *ps2pk* from PostScript Type1 sources.

The camera-ready copy was printed on a Linotron phototypesetter.

The reviewing and editing process started later in the year than anticipated, but all the authors were very prompt in getting their papers ready for both the preprints and these final *Proceedings*. The burden of editorial work was undertaken primarily by Mimi Burbank (with greatly appreciated help from Bill Burgess), while Sebastian Rahtz handled the implementation and production. An excellent band of anonymous reviewers provided an enormous amount of feedback without which this volume would have been the poorer.

**Sebastian Rahtz and Mimi Burbank**

## Obituary — Yuri Melnichuk

**Yuri Melnichuk**, a reader in computing mathematics at Lviv Polytechnical Institute, in Ukraine, and one of the participants at the Aston TUG'93 conference and courses, died suddenly of a heart attack while at the University of York on Friday, August 13th.

Yuri was a fairly frequent visitor to York, where he was working on a joint book on number theory with Maurice Dodson. During his time at York he had been introduced to T<sub>E</sub>X, and with the help of other colleagues in the Mathematics department there had developed this interest. Realising its potential value to the academic community in the Ukraine he had contacted others, with a view to establishing good links between institutions and individuals.

His concerns were not just mathematical: he was also active in ensuring that the British Council and the IEE were in contact with relevant bodies in the Ukraine. Just before he died he was searching the net for a PC version of Ada to take back for computer scientists in his institution.

Last year, he had been instrumental in beginning a T<sub>E</sub>X users group in Lviv and was beginning to coordinate its activities over the whole country.

He was a dynamic personality, with infectious vision and enthusiastic plans. An excellent and hospitable host, his good humour was matched with determination. His ability to bring people together was a tribute to his vision of cooperation and his own engaging nature. His loss is a blow to the many friends he had made, to his colleagues in the Ukraine, and to the T<sub>E</sub>X community worldwide.

**Malcolm Clark**