

General Delivery

From the President

Bart Childs

I would like to call your attention to several items, some of which should appear elsewhere in this issue.

First, our financial position has improved greatly. This is primarily due to the efforts of Ray Goucher, Karen Butler, and Stephan v. Bechtolsheim.

Second, we grew considerably during the past year and this has also contributed to our success. The support of the T_EX vendors has been significant in this regard too.

Third, the schedule for 1987 is set. Our annual meeting is set for Seattle and we look forward to it. The courses Ray has scheduled are realistic. The membership as a whole will gain by encouraging others to attend these courses. (Calendar, page 79.)

Fourth, TUG is looking for a permanent employee of the T_EX and systems type. Hopefully, that individual will also be able to teach some of the courses. (See cover 3.)

Fifth, I have asked Jackie Damrau, University of New Mexico, to chair the Donald E. Knuth Scholarship Committee. (Page 6.)

Finally, Patrick Ion, Michael Ferguson, and Calvin Jackson have agreed to serve as the nominations committee. This year we have to find a replacement for Sam Whidden and myself. We owe a great deal to Sam and he has given a polite ultimatum that it is time for new blood in the Treasurer's office.

Acknowledgment of Contributions

The Officers and Steering Committee gratefully acknowledge receipt of royalties and other contributions to TUG from several sources during 1986:

- From the sale of Don Knuth's *T_EXbook*, *METAFONTbook* and related software, royalties of \$6,757. (Total royalties from 1984-1986 amount to nearly \$14,000.)
- From David Kellerman and Barry Smith, of Kellerman & Smith, royalties of \$4,820 from

fees paid to them for distribution of the VAX/VMS version of the WEB sources of T_EX. David and Barry also contributed \$4,000 toward the cost of the experimental issue, *TUGboat* 7, No. 1 (1986), which they guest edited. (This was in addition to several thousand dollars of editorial and design costs incurred by them directly.) An additional \$1,000 was contributed to the Donald E. Knuth Scholarship Fund to support the Scholarship winner's attendance at the Annual Meeting.

- Proceeds from the sale of publications made available to TUG:

Arthur Samuel's First Grade T_EX: 1,200 copies, \$7,208.

L^AT_EX Command Summary, by Lloyd Botway and Chris Biemersderfer: 640 copies, \$3,208.

Michael Urban's An Introduction to L^AT_EX: 466 copies, \$3,728.

Lear Siegler's VAX Language-Sensitive Editor (LSEEDIT) Quick Reference Guide for use with the L^AT_EX Environment, with the L^AT_EX Style Templates: 50 sets, \$3,265. Thanks are due to Kathy Hornbach for her efforts in arranging to make this available.

- Contributions of \$2,000 were received from David Rodgers on behalf of ArborText, Inc.
- Special thanks to TUG supporters at Addison-Wesley Publishing Company, the American Mathematical Society, and Personal T_EX for arranging for TUG to purchase publications at discounted prices. Also, we wish to express our appreciation to Kellerman & Smith, Personal T_EX, Addison-Wesley, and a large number of our member organizations who have shown their strong support for TUG by purchasing thousands of publications through TUG.
- Lastly, we wish to acknowledge the special and unique contribution Barbara Beeton has made in her capacity as the Editor of *TUGboat*. Her tireless efforts and dedication have resulted in a highly informative and indispensable newsletter year after year. In 1986 she donated nearly 300 hours of her own time, thereby saving TUG many thousands of dollars.

TUG sincerely appreciates these very generous contributions.

Samuel B. Whidden, Treasurer

Donald E. Knuth Scholarship

TUG is pleased to announce the Second Annual "Donald E. Knuth Scholarship" competition. This year **two** Scholarships will be awarded. The awards consists of an all-expense-paid trip to TUG's 1987 Annual Meeting and the Short Course offered immediately following the meeting. Funding for one of the scholarships will be provided by Personal T_EX, Inc., Mill Valley, California, and the other by the T_EX Users Group. The competition is open to all 1987 TUG members holding support positions that are secretarial, clerical or editorial in nature.

To enter the competition, applicants should submit to the Scholarship Committee by May 15, 1987, the input file and final T_EX output of a project that displays originality, knowledge of T_EX, and good T_EXnique. The project may make use of a macro package, either a public one such as L^AT_EX or one that has been developed locally; such a macro package should be identified clearly. Such features as sophisticated use of math mode, of macros that require more than "filling in the blanks", or creation and use of new macros will be taken as illustrations of the applicant's knowledge. Along with the T_EX files, each applicant should submit a letter stating his/her job title, with a brief description of duties and responsibilities, and affirming that he/she will be able to attend the Annual Meeting and Short Course at the University of Washington, Seattle, Washington, August 24-28, 1987.

Selection of the scholarship recipient will be based on the T_EX sample. Judging will take place May 16-June 15, and the winner will be notified by mail after June 16.

The Scholarship Committee consists of Jackie Damrau, University of New Mexico, chairperson; Laurie Mann, Stratus Computer; Anne Smith, Fairchild CIM Engineering; and Nelson Beebe, University of Utah. All applications should be submitted to the Committee at the following address:

Jackie Damrau
 Department of Mathematics and Statistics
 University of New Mexico
 Albuquerque, New Mexico 87131

It happened

Don Knuth
 26 January 87

After 14 months with no bug reports, I was getting pretty confident that we could declare T_EX to be bug-free. But Saturday night I tried something different (for me) and guess what: There will be a version 2.1.

If you have a tendency to type a space after a hyphen or a dash, you might not have been getting optimum line breaks, since T_EX didn't compute the correct 'badness' of the line following such a break. The incorrect badnesses tended to be masked off because they were associated with an extra penalty; but they could give strange behavior. I'm so sorry.

The reward for the next bug will be \$40.96.

Editor's note: This item appeared first in T_EXhax, and is reprinted with permission. The changes for version 2.1 are included in the current edition of *Computers & Typesetting: Errata and changes*, among the changes to Volume B, dated 1/28/87. Don had sent the details "to all the main implementors" by the end of January, so by the time you read this, the new version should be available for most implementations; check with your supplier or site coordinator for details.

News of T_EX Users in Mexico

Kurt Bernardo Wolf
 Universidad Nacional Autónoma de México

The first national meeting of T_EX users in Mexico, "Grupo de Usuarios de T_EX", was held in Cuernavaca on December 15, 1986. The 57 participants represented academic institutions, private enterprises and government agencies; the National University (UNAM) was represented by 32 participants.

There are presently 30 T_EX stations in Mexico. It was agreed that the Publications Department of the UNAM School of Science would serve as information clearing house and link with the T_EX Users Group Headquarters.

Program of the Users Group meeting

Mesa redonda:

Estado actual de la tipografía en México;
 Tipografía convencional y T_EX;
 Tipografía científica, problemas y logros.

Conferencia:

Sistemas T_EX: presente y futuro, por Max Díaz.

Exposición de equipo por parte de **Colorimetría, S.A.**

Mesa redonda:

T_EX y los sistemas de información;
 Normas tipográficas y el lenguaje científico;
 Formación de un Grupo de Usuarios de T_EX en México.

A Manual of Scientific Typography for Spanish

In May 1986, the first edition of *Manual de lenguaje y tipografía científica en castellano* was published by Editorial Trillas SA. This manual was written in T_EX at the Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas, UNAM. As far as we know, it is the first T_EX book in Spanish.

This volume covers, for Spanish authors of scientific manuscripts, grammar, scientific notation and terminology, as well as the duties of author, editor and typographer in bringing such manuscripts into print. Use of the book is not bound to the use of T_EX, but is applicable to T_EX manuscripts in the same way as Ellen Swanson's book, *Mathematics into Type*. The intended audience for this book is the professional mathematician plus the graduating student population.

Further information on this manual can be obtained from the publisher:

Editorial Trillas, S. A. et C. V.
 Av. Río Churubusco 385
 Col. Pedro María Anaya
 Deleg. Benito Juárez
 03340, México, D. F.

Attention, Australian TUG Members

Linda Krick
 Anglo-Australian Observatory

I wish to inform the Australian members of TUG that copies of John Sauter's **METAFONT** files and procedures to build them (TUGboat Vol. 7, No. 3, pp. 151-152) are available from me or the DECUS librarian here in Sydney.

John sent me a tape and permission to copy it for any TUG members who request it. This should eliminate high postage costs and waiting time. I have passed a copy to the DECUS librarian, who has agreed to copy it for any DECUS members.

I have also obtained a tape and permission to copy James Alexander's T_{ib} (TUGboat Vol. 7, No. 3, pp. 138-140). Distribution arrangements will be similar to those for the **METAFONT** tape.

Copies will be made onto user-supplied magnetic tapes at either 800, 1600 or 6250 bpi. Members who wish to obtain a copy of one or both of these packages should send one tape for each package desired (1200' for 6250, 2400' for the smaller densities) to either the DECUS librarian at DECUS, in Chatswood, or to me, at the address below, stating what density to make the copy.

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