

Calendar

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| <p>Nov 4 UK \TeX Users Group, inaugural meeting. University of Nottingham, England.</p> <p>Nov 24 NTG — Nederlandse \TeX Gebruikers, meeting. ENR, Petten, The Netherlands. (See report, page 316.)</p> <p>Dec 5-9 ACM Conference on Document Processing Systems, Santa Fe, New Mexico. For information, contact Peter Orbeton, (617) 577-8500 or Orbeton.chi@xerox.com.</p> | <p>Jun 29-30 NTG — Nederlandse \TeX Gebruikers, "TeX happening". Utrecht, The Netherlands. (See report, page 316.)</p> <p>Jul 30- Aug 4 ACM SIGGRAPH '89, Boston, Massachusetts. Contact: Chris Herot or Branko Gerovac, (312) 644-6610.</p> |
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\TeX Users Group 1989 Conference — Tenth Anniversary — Stanford University, Stanford, California

- Aug 14-18 Short Courses: to be announced
- Aug 21-23 **TUG Annual Meeting**
- Aug 24-25 Short Courses: to be announced

1989

University of New Mexico, Albuquerque

- Jan 9-13 Intensive Beginning/Intermed. \TeX

Florida State Supercomputer Research Institute, Tallahassee

- Jan 9-13 Advanced \TeX /Macro Writing
- Jan 9-13 Intensive Introduction to \LaTeX

California State University, Northridge

- Jan 9-13 Output Routines

- Jan 17 **TUGboat Volume 10, No. 1:**
Deadline for receipt of manuscripts.

- Apr 15 Protex V Conference.
October 4-6, Boston, Massachusetts.
Call for papers: Submit 1 page abstract and paper (6 page maximum) to Programme Committee, Protex Conference, INCA, P. O. Box 2, Duin Laoghaire, Ireland.

- May 1 **TUGboat Volume 10, No. 2:**
Deadline for receipt of manuscripts (tentative).

- Sep 11 **TUGboat Volume 10, No. 3:**
Deadline for receipt of manuscripts (tentative).

- Oct 4-6 Protex V Conference:
5th International Conference on Computer-Aided Text Processing and its Applications. Boston, Massachusetts. For information, contact Protex Conference, INCA, P. O. Box 2, Duin Laoghaire, Ireland; +353-1-613749.

- Oct 12-13 RIDT'89 — Raster Imaging and Digital Typography.
Ecole Polytechnique Fédérale, Lausanne, Switzerland.
For information, contact Prof. R.D. Hersch, Lausanne, Switzerland; (4121) 47 43 57/693 43 57 or hersch@elde.epfl.ch; or Debra Adams, (415) 494-4022 or adams.pa@xerox.com.
(See announcement, page 316.)

For additional information on the events listed above, contact the TUG office (401-751-7760) unless otherwise noted.

Dutch T_EX Users Group

In late June, a Dutch T_EX Users group was formed. Its name is 'Nederlandse T_EX Gebruikers' or NTG for short. At the moment roughly 60 persons are members. Whether institutions as well as individuals can become members is a minor organisational detail, and will be settled in due time. The members come from universities (computing centres and press departments as well as faculties), publishers, typesetters, software houses, governmental departments, telephone company, energy centre, philips, computer companies, printer/supplies companies, to name but a few.

Of course, the principal aim of the user group is to facilitate the use of T_EX and related products. As a result we make use of a listserver — T_EX-NL — to submit (elementary) problems to the community and to transmit the answers, apart from the T_EXhax general possibility. At the moment two (volunteer) T_EXperts are willing to answer the various questions.

Another activity is to pass on information, e.g. from similar groups, and cooperate with related groups such as the Dutch SGML group and other (European) T_EX user groups. At the first meeting, people with related interests did meet, and as a consequence several small working groups have been formed.

One group considers education and courses, another evaluates products, a third is busy with the various aspects of fonts, the next considers the migration from text processors to T_EX and experiences the relation with SGML, etc. Of course, one group is busy with the peculiarities of the Dutch language in relation to T_EX, especially public domain hyphenation and template .sty files. In total, 12 working groups have been formed, and hopefully all will be active. The aim of these working groups is to become a source of knowledge and experience, and if necessary to develop material.

Apart from this 'organised' form, individuals of course — whether they like it or not — experience publishing with (L^A)T_EX. The next NTG meeting is in Petten on 24 November at ENR. (Contact

G.J.H. van Nes — secretary and host
ENR Rekencentrum,
Postbus 1,
1755 ZG Petten, The Netherlands,
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for further information).

On 29 and 30 June 1989 a general Dutch T_EX-happening is scheduled at Utrecht, where the users group will show, teach and talk about the features of T_EX, etc., as a tool for document preparation.

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RIDT'89 — International Workshop on Raster Imaging and Digital Typography

Ecole Polytechnique Fédérale
Lausanne, Switzerland
October 12–13, 1989

Raster image processors for non-impact printers and plotters require highly sophisticated algorithms and performant hardware. Outline character acquisition, design, manipulation and rasterization, as well as graphic and image rendering are of major concern to scientists and engineers involved in the development of raster imaging devices.

Authors are invited to submit papers describing original research results on the most relevant and recent developments in digital typography and raster imaging. Contributions are welcomed on any of the topic areas covered by the above theme. This includes (and is not limited to):

- Shape acquisition (curve fitting)
- Shape manipulation
- Character design
- Character representation and transformation
- Measuring type quality
- Character structures (generation/recognition)
- Page description languages
- Rasterization algorithms
- Rasterization accuracy
- Fast rasterization hardware

Call for Papers

Submit extended abstracts (2–3 pages) or full papers in English by January 15, 1989. Authors will be notified by March 15, 1989. Camera ready full papers are due by April 29, 1989.

The abstracts should contain: Title, Authors, Authors' affiliation, Keywords, Main Text, References, and Authors' Biography. All accepted papers will be published in the Conference Proceedings.

Potential contributors are encouraged to give advance notice of their intention to submit a paper. Send abstracts to:

Prof. Roger D. Hersch
LSP/EPFL
37, avenue de Cour
CH-1007 Lausanne
Switzerland

(4121) 47 43 57

Bitnet: HERSCH@ELDE.EPFL.CH

Prof. Hersch is chairman of the Program Committee. Vice-chairpersons are Debra Adams, Xerox PARC (adams.pa@Xerox.com), and Jacques André, INRIA/IRISA (jandre@irisa.uucp). Chuck Bigelow and Richard Southall are also on the Committee.

Late-Breaking News

TeXhax Moves North

Pierre A. MacKay

The TeXhax mail digest is about to move north to the University of Washington. Since its beginning, this digest has been maintained entirely out of Stanford University, but it will now be added to the other services of the TeX Users Group, and we will be working toward a close association and integration of the electronic mail digest with the published issues of TUGboat.

The TeX Users Group has provided funding for an editorial position so that it will be possible to work over each issue, and to develop data-bases, macro libraries and other similar aids from the correspondence.

The new moderators will be Pierre MacKay and Tiina Modisett. For the first months after November 1, our principal effort will be to live up to the standards already set by previous moderators, but we are already drawing up plans for the other services suggested above. We are deeply grateful to the moderators who have kept TeXhax going during the past, and most particularly to Malcolm Brown, who is aiding us through this period of transition.

Late-Breaking News

Production Notes

Barbara Beeton

Input and input processing

Electronic input for articles in this issue was received in several forms: mail, floppy disk, and file transfers to the AMS computer. One article was accepted in the form of camera copy (see the section on output), as were several figures that required special fonts or that could not be prepared on the American Mathematical Society's typesetter for other reasons.

Authors who had written articles previously for TUGboat typically submitted files that were fully tagged and ready for processing with the TUGboat macros—`tugbot.sty` for PLAIN-based files and `ltugbot.sty` for those using L^AT_EX. (When possible, a copy of the file actually used for production is returned to the author, along with the current version of the macros, if the author has requested them. This seems to provide authors with incentive to write again for TUGboat.)

Articles in which no, or limited, TeX coding was present were tagged according to the `tugbot.sty` conventions. Articles tagged according to the author's own schemes were modified sufficiently to permit them to be merged with the rest of the stream. Especial care was taken to identify macro definitions that conflicted with ones already defined for TUGboat. In the case of L^AT_EX-based articles, it was not necessary to consider interactions with other articles. (`\documentstyle{article}` is the basis for `ltugbot.sty`; I have not yet devised a method of processing multiple articles in a stream, so each is processed separately, and physical pasteup is used where required to merge partial pages.) For PLAIN-based articles, the side-effects of an author's own definitions can usually be kept to a minimum by posting `\begingroup... \endgroup` around the article.

Most submissions for this issue were PLAIN. For these items, test runs of TeX separately and in groups were used to determine the arrangement and page numbers (to satisfy any possible cross references). The final processing of these articles was a single TeX run, with ranges of page numbers skipped where L^AT_EX-based items would be inserted. L^AT_EX items, as mentioned above, were processed individually, and arranged in the proper order after camera copy was produced.