

News & Announcements

6th European T_EX Conference & GUTenberg'91

Official announcements

The 6th European T_EX Conference, organized by GUTenberg, will be held in Paris from September 23rd to 25th. This conference will be followed on the 26th by the GUTenberg'91 conference. During the preceding week four 4-day courses are organised.

6th European T_EX Conference

Paris

23rd-25th September 1991

This major conference has support from:

**Imprimerie Louis-Jean
T_EX Users Group
Institut Blaise Pascal
École Normale Supérieure (ULM)**

Programme Committee

Bernard GAULLE, Chairman (GUTenberg, France)
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Organisation Committee GUTenberg

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Jacques ANDRÉ (INRIA-IRISA)
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Malcolm CLARK, tutorials Organiser (PCL)
André DESNOYERS (Institut Blaise Pascal)
Jacques BEIGBEDER (École Normale Supérieure)
Michel BLANCHARD (Université d'Orléans)
Alain POSTY (INRA)

Preliminary programme

- . Russian T_EX (A. SAMARIN)
- . T_EX and Africa (J. KNAPPEN)
- . T_EX: the limit of multilingualism (M. FANTON)

- . Towards an arabicized version of T_EX (M. FANTON & al.)
- . T_EXniques in Siberia (Th. JURRIENS)
- . Babel, a multilingual style options system (J. BRAAMS)
- . An internat. version of MakeIndex (J. SCHROD)
- . AsT_EX: An integrated and customisable multi-window environment (M. LAVAUD)
- . Managing the interface to T_EX (S. LARSEN)
- . Shell for T_EX (B. MALYSHEV)
- . ColourT_EX (Ch. CERIN)
- . GWEZ builds tree structures and print them (B. LEGUY)
- . Form letters in L^AT_EX with mailing label (J. DAMRAU)
- . Conversion of MicroSoft WORD into L^AT_EX (P. BACSICH & al.)
- . ScholarT_EX: last enhancements (Y. HARALAMBOUS)
- . T_EX dismembered (A. WITTBECKER)
- . Maths into BLUes (K. VAN DER LAAN)
- . Organising a large collection of style files for different T_EX macro packages (A. BINDING)
- . Typesetting SGML documents using T_EX (A. DOBROWOLSKI)

Other talks are under consideration at the time we publish this announcement.

Official languages will be English & French and the conferences will be simultaneously translated.

Panels such as:

- . Teaching (L^A)T_EX to a diverse audience
 - . (L^A)T_EX in Europe
- will be chaired by well-known panelists.

A Question Time will also take place during the congress.

BoFs will be set up on topics to be decided upon during the conferences.

Vendors will exhibit their latest products. A commercial session will be organised so they can talk freely about their products.

A Special Event Dinner

A dinner will be held on Tuesday evening at the restaurant of the Vilette center of Sciences and Industry. The dinner will follow the showing of a film using hightech sound and light systems on the *géode*'s 1,000 m² hemispheric screen. Special effects take the viewer on an imaginary journey to another place and time. A coach tour of Paris by night will conclude the evening.

All those taking part in the congress will be admitted free. Guests are welcome to join in the evening's entertainment for a FF 270 charge.

Conference fees

The registration fees for the 6th European conference are FF 1700. But, please, **notice** that a reduction of FF 200 applies for all TUG or European T_EX users groups members. A surcharge of 10% must be added if registration is made after June 30th.

Tutorials/Courses

Paris

17th–20th September 1991

Each course is 4 days long. Instructors will teach in english.

Tutorial I – Advanced T_EX and T_EX Macros (Philip TAYLOR, RHBNC)

This course is intended to cover the more advanced features of T_EX macro programming, including such esoteric aspects as `\afterassignment`, `\futurelet`, `\expandafter`, `\uccode`, etc. Some time will be devoted to the area of cross-referencing, both via external files and via control sequences, and the manipulation of `\catcodes` will be covered in some detail.

Tutorial II – L^AT_EX Style Files

(Chris ROWLEY, Open University)

Ever wondered how to make L^AT_EX do what you wanted? This course will help you understand how to modify L^AT_EX style files to give quality typesetting, and may even give you the confidence to write your own. Some experience with L^AT_EX and T_EX would be an advantage.

Tutorial III – METAFONT

(Doug HENDERSON, Blue Sky Research and
Yannis HARALAMBOUS, Université de Lille)

The course will cover the basics of METAFONT, but should provide participants with enough information to generate their favourite CM fonts at any design size, tinker with the multitude of parameters, and even start to design their own characters.

Tutorial IV – Beginning and Intermediate L^AT_EX (Malcolm CLARK, PCL)

Become proficient in L^AT_EX in just four days! The course covers the fascinating world of L^AT_EX, concentrating on the joys of structured documentation, whilst trying to maintain a facade of quality typesetting. Suitable for technical and non-technical alike.

Tutorial fees

Registration fees for one course are FF 2500. Please **notice** that a discount of FF 500 applies to the reg-

istration for the 6th European T_EX Conference for the participants in a tutorial.

GUTenberg'91

Paris

September 26th, 1991

Technical and Scientific Edition

The day will be devoted more specifically to issues connected with the French language; selected topics will cover French publishing problems. The following topics are among the planned speeches:

- *T_EXV3 ou M_IT_EX?*
- *Les disquettes GUTenberg'91* (N. BROUARD)
- *L'impression des formules chimiques* (M. LAUGIER)
- *Un programme pour modifier les .dvi* (M. LAUGIER & al.)

Other presentations are under consideration but have not been yet finalised.

Conferences will be simultaneously translated.

A “Question Time” about the networks is planned on this day.

GUTenberg'91 fees

The registration fees are FF 700 (minus FF 200 in case of joint registration with the 6th European T_EX conference). Other discounts apply. Call us for registration and accommodation forms.

Contacts:

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Call and ask us for your Registration and Accommodation forms

Desktop Publishing in Astronomy and Space Sciences

Strasbourg Astronomical Observatory
1-3 October 1991

Strasbourg Observatory/Astronomical Data Centre will be organizing from Oct. 1 to 3, 1991, a meeting on 'Desktop Publishing in Astronomy and Space Sciences'.

Desktop publishing is widespread nowadays and a number of packages are used by astronomers, space scientists, engineers and technicians for producing their papers, reports, etc., as well as their everyday mail (typically Word, T_EX, L^AT_EX, ...). The motivations behind the choice of a given package are varied and not always rational ones (such as availability, financial constraints, mouth-to-ear recommendations).

There is in any event an experience to be shared openly for the benefit of everybody and it would certainly be useful to confront performance, capabilities, as well as possible complementarities of the text processing software packages that are presently most frequently used in astronomy and space sciences. There is most likely no 'best' system, but it might be possible to get a digest of the best parts of the major ones without having to review computer journals at length.

Not only the point of view of the authors, writers or scientific editors should matter here, but also the reasons behind the choices that a few publishers have already made (typically Springer T_EX Macros, ...). On this side, the advantages are obvious: the manuscripts are delivered directly by the authors/scientific editors in a standardized machine-readable way (saving time and money) and the final appearance of the publications is substantially enhanced, be it only through its harmonization.

What happens in other communities of related fields will also be investigated. Some publishers represent up to 500 scientific journals. It will be interesting to listen to their explanations as to how their choices have been made and for them to hear what scientists have to say in that respect.

Another aspect of this colloquium is related to the developments carried out by auxiliary software companies or individuals. They are producing self-sustained packages, complementary tools and/or utilities to be plugged into already well-established text processing systems. Here again scientists should express their views, needs and wishes.

The meeting is timely as desktop publishing reaches such a level of development that it would be appropriate now for our scientific communities and for publishers to issue recommendations for standardization, compatibility and/or complementarity from the software producers.

Sessions will be organized in such a way that each of the parties will be able to present their viewpoints on the advantages of specific packages, the constraints they have to comply with, the requirements they have for further developments. We shall also attempt to set up exhibitions and/or demonstrations.

The meeting will also aim at issuing recommendations for publishing standards, as well as for compatibility and/or complementarity from the software producers. A special session involving the editors of the major scientific journals is being set up by James Lequeux (aanda@frmeu51.bitnet).

Proceedings will be published and distributed free of charge to the persons who actually attend the meeting.

If you are interested in attending this colloquium, please request a registration form in order to receive additional information (list of hotels, preliminary programme, and so on). As the audience might have to be limited, we advise you to do it as soon as possible; the deadline for registering will be **15 July 1991**.

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Call for papers: EP92 International conference on electronic publishing, document manipulation, and typography

Lausanne, Switzerland, 7-10 April 1992

An International Conference on Electronic Publishing, Document Manipulation and Typography

will be held in Lausanne, Switzerland, at the Swiss Federal Institute of Technology, on April 7–10, 1992.

This conference will be the fourth in a series of international conferences organised to promote the exchange of novel ideas in the area of computer manipulation of documents.

The first two conferences in the series, EP86 held in Nottingham, England, and EP88 in Nice, France, concentrated mainly on the specific aspect of the production of documents by computer, from composition to printing. EP90, which was held in Washington, adopted a broader definition of the term Computer Assisted Publication, and accordingly included more materials on new topics such as the application of data-base techniques to document handling, hypertext and hypermedia systems, and document recognition and analysis.

EP92 will follow this trend. Its objective will be to present the state of the art by reporting original and recent contributions to this area. The conference proceedings will be published by Cambridge University Press and will be available at the conference.

A day of tutorials is planned for April 7. Suggestions for contributions with introductory and survey topics are requested.

Topics

- Modelling and representation of documents
 - Document structures
 - Integration of text, images and graphics
 - Integration of document manipulation systems with other software tools
 - Standards: evaluation and implementation
 - Object oriented approaches
- Documents management
 - Document preparation systems
 - Hypertext: production, editing and visualisation
 - Large text data-bases
 - Distributed documents: parallel algorithms, multi-user documents
 - User-machine interfaces
- Document recognition and interpretation
 - Structural recognition of documents
 - Filtering and image handling techniques
 - Multi-lingual documents
 - Semantic text structures
 - Indexing techniques

- Typography and graphics
 - Character design
 - Use of gray levels and colour technology
 - Pagination and layout
- Document manipulation and education
 - Computer assisted document production
 - Experiences in teaching EP
 - The place of EP in Computer Science curricula

Main deadlines

Today. Send for information. Write to the Conference Secretariat either by post or e-mail, at

EPFL – EP92
 Département d'Informatique
 IN (Ecublens)
 CH-1015 Lausanne
 Switzerland
 Phone: (41) 21 693 25 75
 Fax: (41) 21 693 52 63
 E-mail: ep92@eldi.epfl.ch

August 15, 1991. The full paper should be received by the Conference Secretariat.

October 31, 1991. Notification of acceptance or rejection.

December, 1991. Distribution of the program.

December 15, 1991. Final version of the accepted paper should be received by the Conference Secretariat.

April 7–10, 1992. EP92 Conference.

Organization

The Conference Chair is Christine Vanoirbeek of the Swiss Federal Institute of Technology, Lausanne. The Program Committee Chair is Giovanni Coray, also of the Swiss Federal Institute of Technology.

The following are some members of the Program committee whose names should be familiar to the TUG community: Jacques André (INRIA/IRISA, Rennes, France), Charles Bigelow (Stanford University), Richard Furuta (University of Maryland), Roger D. Hersch (Swiss Federal Institute of Technology, Lausanne), Brian Kernighan (AT&T Bell Laboratories), Dario Lucarella (University of Milan), Pierre MacKay (University of Washington), and Robert A. Morris (University of Massachusetts, Boston).