Innovation

The 15th Annual TeX Users Group Meeting, Santa Barbara, USA

Abstract

TUG'94 was organized by:

Chairperson: Patricia Monohon
Bursary: Bernard Gaulle
Culture and Events: Janet Sullivan
Courses: John Berlin
Proceedings: Michel Goossens
Programme: Malcolm Clark & Sebastian Rahtz
TUGly Telegraph   John Berlin & Malcolm Clark

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Conference Programme

Sunday July 31st

Keynote

Lucida and TeX: lessons of logic and history:
Charles Bigelow

Publishing, languages, literature and fonts

Real life book production—lessons learned from *The LaTeX Companion*:
Frank Mittelbach and Michel Goossens

Typesetting the holy Bible in Hebrew, with TeX:
Yannis Haralambous

Adaptive character generation and spatial expressiveness: *Michael Cohen*

Humanist: *Yannis Haralambous*

Automatic conversion of METAFONT fonts to Type1 PostScript:
Basil Malyshev, presented by Alan Hoenig

Monday August 1st

Keynote

Looking back at, and forward from, LaTeX:
Leslie Lamport

Colour and LaTeX

The (Pre)History of Color in Rokicki's dvips:
James Hafner

Advanced 'special' support in a dvi driver:
Tom Rokicki

Colour separation and PostScript: *Angus Duggan*

Simple colour design and LaTeX: *Sebastian Rahtz and Michel Goossens*

Printing colour pictures: *Friedhelm Sowa*

Color book production using TeX: *Michael Sofka*

Inside PSTricks: *Timothy van Zandt and Denis Girou, presented by Sebastian Rahtz*

A LaTeX style file generator: *Jon Stenerson*

Document classes and packages in LaTeX2_ε:
Johannes Braams

PostScript font support in LaTeX2_ε: *Alan Jeffrey*

Tuesday August 2nd

TeX Tools

BibTeX 1.0: *Oren Patashnik*

A typesetter's toolkit: *Pierre MacKay*

Symbolic Computation for Electronic Publishing:
Michael P. Barnett and Kevin R. Perry

Concurrent Use of Interactive TeX Previewer with an Emacs-type Editor:
Minato Kawaguti and Norio Kitajima

An Indic TeX preprocessor — Sinhalese TeX:
Yannis Haralambous

Pascal pretty-printing: an example of "preprocessing within TeX": *Jean-luc Doumont*

Wednesday August 3rd

Futures

Towards Interactivity for TeX: *Joachim Schrod*

The Floating World: *Chris Rowley and Frank Mittelbach*

Sophisticated page layout with TeX: *Don Hosek*

Progress in the Omega project: *John Plaice*

Object-Oriented Programming, Descriptive Markup, and TeX: *Arthur Ogawa*

An Object-Oriented Programming System in TeX: *William Erik Baxter*

A World Wide Web interface to CTAN: *Norm Walsh*

First applications of Ω: Adobe Poetica, Arabic, Greek, Khmer:
Yannis Haralambous and John Plaice

ε-TeX & $\mathcal{N}_{\mathcal{T}}S$: progress so far, and an invitation to discussion: *Philip Taylor, Jiří Zlatuška, Peter Breitenlohner and Friedhelm Sowa*

Thursday August 4th

Publishing and design

TeX innovations by the Louis-Jean Printing House: *Maurice Laugier and Yannis Haralambous*

Design by template in a production macro package: *Michael Downes*

Less is More: Restricting TeX's Scope Enables Complex Page Layouts: *Alan Hoenig*

Documents, Compuscripts, Programs and Macros: *Jonathan Fine, presented by Malcolm Clark*

Integrated system for encyclopaedia typesetting based on TeX: *Marko Grobelnik, Dunja Mladenić, Darko Zupanič and Borut Žnidar*

An Example of a Special Purpose Input Language to LaTeX: *Henry Baragar and Gail E. Harris*

Colour Pages These are in a separate section at the back of these proceedings. They are referenced in the articles with the tag "Color Example".

Author page index