

**The Fifth ATypI Working Seminar  
The Computer and the Hand in Type Design:  
The Aesthetics and Technology  
of Digital Letterforms**

During the week of July 31–August 7, at Stanford University, the Committee for Education and Research in Letterforms of the Association Typographique Internationale (ATypI) is sponsoring an International Working Seminar on electronic and traditional methods of letter design. The program includes workshops, seminars and illustrated lectures, and it will conclude with a typographical excursion to San Francisco.

The Seminar will begin on Monday morning, August 1, with the keynote address, "A Turning Point in Type Design", by John Dreyfus, Honorary President of ATypI. Other speakers include the type designers Hermann Zapf, Matthew Carter, Andre Guertler, Christian Mengelt, Gerard Unger and Bram de Does; typographers Jack Stauffacher and Charles Bigelow; lettering artists David Kindersley and John Benson; type punch-cutter Henk Drost; designer Veronika Elsher; and computer scientists Donald Knuth, Patrick Baudelaire and Neil Wiseman.

The theme and purpose of the Seminar are:

- To acquaint educators and designers with the new computerized methods of type production and to review certain traditional lettering crafts, including punch-cutting and stone-cutting.
- To provide practical experience with computer-aided design systems.
- To bring designers and engineers together for future cooperation and creation in type design.

Working installations of the IKARUS, META-FONT, ALTO, CAMEX, and other systems will be available for use during the Seminar. Demonstrations and assistance in using the computers will be provided. Morning seminar sessions will be devoted to working with computer systems, and the systems will be available at other times of the day and night for further exploration.

Prior to the Seminar, information materials on each computer-aided design system, with samples of selected design problems, will be sent to each registered participant. This is to acquaint participants with the systems before their arrival at the Seminar.

The Seminar is intended for design research, not scientific research. Participants do not need scientific training. The emphasis will be on the prac-

tice of design with the new computer technology, and with traditional hand technology.

The Seminar language is English, with translators for German and French.

Fees of \$950 per person include Seminar, shared double room, meals, reception, and excursion. The rooms and meals are in a Stanford Residence Hall on the Stanford Campus. For a private, single room, the total Seminar fee is \$1025 per person. [For partial bookings, e.g. seminar without room and meals, or a stay of less than the full week, send inquiries to the address below.]

To reserve a position at the Seminar, or for additional information, write to

Charles Bigelow  
President, ATYPI Committee on  
Education and Research in Letterforms  
Department of Computer Science  
Stanford University  
Stanford, California 94305 USA

Reservations must be accompanied by the full fee.

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Send Submissions to:

Lynne A. Price  
TUG Macro Coordinator  
Calma R&D  
527 Lakeside Drive  
Sunnyvale, CA 94086

**TUGBOAT MACRO INDEX**

The following list catalogues macros that have appeared in TUGboat. Entries are listed by volume, number, and page as well as author's name. Items that could not be categorized by an obvious headword have been listed under "miscellaneous". Many items refer to parts of large macro packages; users of other packages may find them valuable models for macros of their own.

Readers' comments on the format as well as the contents of this index are welcome.