CALL FOR PAPERS

SIGPLAN '83: Symposium on
PROGRAMMING LANGUAGE ISSUES
IN SOFTWARE SYSTEMS

Sheraton-Palace Hotel  San Francisco, CA  June 27-29, 1983
Sponsored by ACM-SIGPLAN

The symposium will focus on innovations in two major areas:

- new programming language constructs and abstraction mechanisms
- the application of programming language principles to the design of software systems

Relevant topics in the first area include languages or language constructs, abstraction techniques, specification methods, and techniques for supporting concurrency or exception handling.

Relevant topics in the second area include (but are not restricted to) the application of programming language principles and techniques to the design and organization of software systems. Examples include text processing, display and window management, distributed computing applications, database access, and transaction processing. Papers should describe both the pertinent language ideas and how they are used to develop applications.

We particularly encourage the submission of papers that clearly demonstrate the effect of ideas from programming languages on the structure and design of running systems.

Please send four copies of a summary (not a complete paper) to the program chairman:

Lawrence A. Rowe, Computer Science Division - EECS,
University of California, Berkeley, CA 94720

Submissions will be read by at least three members of the program committee:

Stuart Feldman (Bell Laboratories)  Brian Reid (Stanford Univ.)
James Horning (Xerox PARC)  Mary Shaw (Carnegie-Mellon Univ.)
Barbara Liskov (MIT)  David Wortman (Univ. of Toronto)

Summaries should explain what is new and interesting about the work and what has actually been accomplished. It is important to include specific findings or specific comparisons with relevant previous work. The committee will consider the appropriateness, clarity, originality, practicality, significance, and overall quality of each summary. Time does not permit consideration of complete papers or long summaries. Consequently, a length equivalent to 8 to 12 double spaced typed pages is strongly suggested.

November 29, 1982 is the deadline for submission of summaries. Authors will be notified of acceptance or rejection in early February 1983. The accepted papers must be typed on special forms and received by the program chairman at the above address by April 15, 1983. Authors of accepted papers will be asked to sign ACM Copyright forms.

Proceedings will be distributed at the symposium and will subsequently be available for purchase from ACM. The general chairman and (temporary) local arrangements chairman is:

John White, Computer Science Division U-157
The University of Connecticut, Storrs, Connecticut 06268