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Preface

The seventh Conference on Software Engineering Education was held in San Antonio, Texas, on January 5-7, 1994. This annual conference is sponsored by the Educational Products Program of the Software Engineering Institute, a federally funded research and development center of the U.S. Department of Defense. For the last three years, it has also been held in conjunction with the Association for Computing Machinery and the IEEE Computer Society. The conference is a forum for discussion of software engineering education and training among members of the academic, industry, and government communities. The technical motivation behind the CSEE series has been putting the *engineering* into software engineering—applying the principles and methods of traditional engineering disciplines to software engineering—and the 7th CSEE continues this focus.

The quality of the accepted contributions is excellent. Out of 87 submissions, the program committee carefully selected 37 papers, 1 panel, and 4 tutorials for presentation. The program committee consisted of the following:

William W. Agresti, *MITRE*

Mark A. Ardis, *AT&T*

Maribeth B. Carpenter, *Software Engineering Institute*

Michael B. Feldman, *George Washington University*

Gary Ford, *Software Engineering Institute*

David Garlan, *Carnegie Mellon University*

Rosalind L. Ibrahim, *Software Engineering Institute*

William Richardson, *United States Air Force Academy*

Keith R. Pierce, *University of Minnesota, Duluth*

David C. Rine, *George Mason University*

Carol A. Sledge, *Software Engineering Institute*

In addition to the above people, the following were referees:

Jim Armitage, William Bail, Marilyn L. Bates, Daniel M. Berry, David Budgen, David W. Bustard, James E. Cardow, Neal S. Coulter, Joseph F. Delgado, Jorge L. Diaz, Merlin Dorfman, Henry A. Etlinger, Richard P. Evans, Eduardo B. Fernandez, Robert Firth, Frank L. Friedman, Norman E. Gibbs, Chris A. Gustafson, Anthony Hall, Daniel E. Hocking, James W. Hooper, Robert R. Korfhage, Leslie Lander, Jeffrey A. Laskey, Patricia K. Lawlis, Timothy J. Lulofs,

Michael J. Lutz, Peter H. Lutz, Nancy R. Mead, Linda M. Northrop, Jeff Offutt, John A. Ogden, Mike Overstreet, F. G. Patterson, Jr., Marie Silverthorn, Raj Tewari, Richard H. Thayer, James E. Tomayko, Judy A. Vernick, John Werth, Laurie Honour Werth, Shirley A. Williams, Bryant W. York.

As is usual with an undertaking of this size and scope, nothing would have been accomplished without an excellent support staff. The level of success is due to the efforts of Mary Ellen Rizzo, more than anyone else, for her tireless work in handling administrative matters, including tracking papers, referees, and final manuscripts. Bernadette Chorle and Jane DeSimone kept the budget and provided continuity. The expert advice and support of Helen Joyce, Wendy Rossi, and others in the Events group made it possible for this conference to run so smoothly. My sincere thanks to them, the program committee, the reviewers, and all who have contributed to the conference.

Pittsburgh, Pennsylvania
August 1993

Jorge L. Diaz-Herrera
Conference Chair, 7th CSEE

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