Proceedings of the
2nd International Workshop on
Software Configuration Management

Princeton, New Jersey
October 24, 1989

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Proceedings of the
2nd International Workshop on
Software Configuration Management (SCM2)

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Foreword

The "2nd International Workshop on Software Configuration Management (SCM2)" is the second in a series of workshops on supporting and controlling the evolution of large software systems. The idea to organize this series was spawned after the workshop on "Advanced Programming Environments", which took place in June 1986 in Trondheim, Norway. After that workshop, a number of people pointed out that there was a growing body of work in the area of software configuration management. Because of the great practical importance of this field, an international workshop on the subject seemed appropriate. The first such workshop was called "International Workshop on Software Version and Configuration Control (SVCC)" and took place in January 1988 in Grassau, FRG. The Grassau workshop was highly successful in bringing together leading researchers in the area from both academia and industry. The workshop provided an excellent overview of the state of the art, but also identified a number of open questions and problems. The papers for the present workshop indicate that some progress has been made, while at the same time the base of concerns and approaches has broadened significantly. There are already some proposals for SCM3, which could take place in 1991.

To encourage strong technical content and personal involvement, participation in the workshop is based on submissions reviewed by the program committee. We received a total of 37 full papers and 26 position papers. Of those, 22 full papers and 8 short papers appear in these proceedings. Because of page limitations, we had to ask the authors of several full-length papers to shorten their articles drastically. An additional set of 10 full papers and 11 position papers appear in the workshop notes, which are distributed to workshop participants only.

We thank ACM SIGSOFT, GI FG 2.1.1 "Software Engineering", and IEEE CS for their support of this workshop. Many thanks go to the program committee members and the additional referees for soliciting, reviewing and selecting the program. Peter Feiler, Stuart Feldman, and Manfred Nagl deserve special mention, since they volunteered to work with some authors to improve their papers after acceptance. Further thanks go to Tom Murphy, Chris Rumpf, and the organizing committee for their dedicated and highly professional service. Ruth Ghafari at the University of Karlsruhe and Cathy Salazar at RIACS/NASA Ames did an outstanding job of keeping track of the papers, handling correspondence, and assembling the final proceedings. Last but not least, we want to thank AT&T, Bellcore, and Siemens for the support they provided.

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