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OPERATING SYSTEMS REVIEW is an informal quarterly publication of the ACM Special Interest Group on Operating Systems (SIGOPS), whose scope of interest includes: Computer operating systems and architecture for multiprogramming, multiprocessing, and time sharing; resource management; evaluation and simulation, reliability, integrity, and security of data; communications among computing processors; and computer system modeling analysis.

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Contributions to OSR are sent to the editor, should not ordinarily exceed 1000 words, and should be single spaced and printed on one side of the paper only. Text and diagrams must be contained within a 6¼ inch wide by 8½ inch high (165mm by 216mm) area with at least one inch (25mm) top and side margins, 1½ inch (38mm) bottom margin, and be camera-ready (i.e., be an original having sufficient contrast and density for reproduction). All letters to the editor will be considered for publication unless accompanied by a request to the contrary. Except for editorial items, all sources of material appearing in OPERATING SYSTEMS REVIEW will be clearly identified. Items attributed to individuals will ordinarily be interpreted as personal rather than organizational opinions. The technical material in this newsletter is not refereed. Deadlines for submitting material are the 14th of March, June, September, and December.
Tenth ACM Symposium on Operating Systems Principles

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The Tenth Symposium on Operating Systems Principles continues the tradition of its predecessors by gathering together the best original work in the field over the last two years. Many of the papers presented here continue to concentrate on problems associated with distributed systems. It is clear that we do not yet have all the answers about how to build these systems, but the areas of interest are shifting as our knowledge improves and our systems mature. Other current topics are parallel processing and large scale computing. Overall, the papers reflect the state of the field: existing ideas are maturing and being evaluated, and there are few revolutionary new insights.

Our program committee consisted of ten active researchers, several of whom are serving on this committee for the first time. The committee was drawn from five industrial research establishments and five university establishments. We included two members from Europe, an innovation made possible by the use of electronic mail for most of our communication.

Our reviewing process this time was similar to that used for SOSP-9. We did not use outside referees, relying instead on having sufficient diversity within our committee. Every paper submitted to the symposium was read by every committee member. A first round was used to eliminate about half of the eighty-five papers submitted. The members then spent several weeks concentrating on the remaining papers. The final decisions were made at an all day meeting of the entire committee, hosted by Stanford University. Since all the members had read all the papers, the discussion was balanced and well informed. We accepted nineteen papers. We felt that many of the rejected papers were nevertheless of publishable quality, and we thank the authors of all eighty-five papers for their submissions. Three of the accepted papers were recommended to, and accepted by, Transactions on Computer Systems.

The chairpersons are grateful for the diligence shown by the committee members and all the other officials who have made this symposium possible. We are also especially grateful for the assistance we have been given by Valerie Ross and Libby Vincent.

Andrew Birrell and David Cheriton
Program Committee Co-Chairmen
Palo Alto, September 1985
# Tenth ACM Symposium on Operating Systems Principles

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* In keeping with ACM publications policy, if a paper appears in the ACM Transactions on Computer Systems then only an extended abstract is published here. Pre-prints of these papers are available to symposium participants.