

Preface

This volume contains the papers presented at the seventh workshop on Job Scheduling Strategies for Parallel Processing, which was held in conjunction with the SIGMETRICS 2001 Conference in Cambridge, MA, on June 16, 2001. The papers have been through a complete refereeing process, with the full version being read and evaluated by five to seven members of the program committee. We would like to take this opportunity to thank the program committee, Andrea Arpaci-Dusseau, Steve Chapin, Allen Downey, Wolfgang Gentzsch, Allan Gottlieb, Atsushi Hori, Richard Lagerstrom, Virginia Lo, Cathy McCann, Bill Nitzberg, Uwe Schwiegelshohn, Mark Squillante, and John Towns, for an excellent job. Thanks are also due to the authors for their submissions, presentations, and final revisions for this volume. Finally, we would like to thank the MIT Laboratory for Computer Science and the School of Computer Science and Engineering at the Hebrew University for the use of their facilities in the preparation of these proceedings.

This was the seventh annual workshop in this series, which reflects the continued interest in this field. The previous six were held in conjunction with IPPS'95 through IPDPS'00. Their proceedings are available from Springer-Verlag as volumes 949, 1162, 1291, 1459, 1659, and 1911 of the Lecture Notes in Computer Science series. The last three are also available on-line from Springer LINK.

This year saw an emphasis on workloads and their effect, with two invited papers related to heavy tails, and a contributed paper presenting a comprehensive analysis of the workload on a large-scale SMP cluster. We also kept the tradition of having papers that describe real systems, with a much anticipated paper describing the MAUI scheduler. In addition, we saw the maturation of the field as reflected by papers that delved into deeper topics, such as the interaction of scheduling with memory management and communication, the use of SMP clusters, and considerations regarding what metrics to use.

We hope you find these papers interesting and useful.

August 2001

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