

Contributors to This Issue

Jeremy Casas received his M.S. degree in Computer Science from the Oregon Graduate Institute of Science & Technology in 1993 and is currently a Research Associate in the Distributed Systems Research Group. Prior to taking up a Master's degree, he was a software engineer developing communication protocols and CAD tools. His research interests include operating systems, distributed/parallel computing, and network communication protocols. He can be reached at casas@cse.ogi.edu.

Dan L. Clark is a senior development engineer at nCUBE in Beaverton, OR. He is working on his Master's in Computer Science and Engineering at the Oregon Graduate Institute of Science & Technology. His research interests include scheduling of parallel jobs and algorithm development for parallel and distributed systems. He received his BS in Computer Science from the College of Engineering at Cornell University in 1985. He can be reached at dclark@cse.ogi.edu.

Ravi Konuru is a Ph.D. candidate in the Distributed Systems Research Group at Oregon Graduate Institute of Science & Technology. He started out his research in micro-kernels where he was involved in porting and evaluation of the Chorus operating system on the Hewlett-Packard HP 9000 series 800 workstation. As part of his thesis, he is currently developing a light-weight, transparently migratable, virtual package for PVM on HP 9000/720 workstations. His research interests include micro-kernels, support for parallel computing in dynamically shared environments, and multi-media systems. He can be reached at konuru@cse.ogi.edu.

Steve W. Otto received a B.A. degree in physics from the University of California at Berkeley in 1978, and a Ph.D. degree in Physics from the California Institute of Technology in 1983. In the period of 1983-88, he was part of the Caltech Concurrent Computation Program and developed early hypercube parallel programs for QCD, chess, neural network training, and combinatorial optimization. In 1988-89, he was a visiting faculty member at the University of Southampton, and since 1990 he has been an Assistant Professor in the department of Computer Science and Engineering at the Oregon Graduate Institute of Science and Technology. His research interests include portable environments for parallel programming, the MPI

message-passing standardization effort, and combinatorial optimization algorithms for graph partitioning and VLSI. He can be reached at otto@cse.ogi.edu.

Graham D. Parrington received a B.Sc. in Computing Science from Newcastle University in 1979 and after a brief interlude in the real world of commercial computing with Honeywell Information Systems returned to Newcastle and obtained a Ph.D. in 1988. Since 1986 he has been on the research staff at Newcastle, where he is currently Senior Researcher. He is one of the principal architects and implementors of the Arjuna reliable distributed programming system. He was one of the authors of "Delayline," which appeared in *Computing Systems* 7.3 (Summer 1994). He can be reached at Graham.Parrington@newcastle.ac.uk.

Robert M. Prouty received a B.S. in Computer Science from Creighton University in 1990. He is currently a Ph.D. candidate in the Computer Science and Engineering department at the Oregon Graduate Institute of Science & Technology. His research interests include environments for parallel processing, debugging and visualization of parallel programs, and computer architecture. He can be reached at prouty@cse.ogi.edu.

Rok Sosič received undergraduate and master's degrees in computer science from the University of Ljubljana, Slovenia, and a Ph.D. from the University of Utah, Salt Lake City. He worked extensively for industry, developing system software and applications. Currently, he is a Lecturer in the School of Computing and Information Technology at Griffith University in Brisbane, Australia. His main research interests are computer systems, combinatorial optimization, and artificial life. His Ph.D. thesis, *The Many Faces of Introspection*, introduced introspective computer systems. Such systems should be able to examine, reason about, and change their own behavior in powerful new ways. Currently, his research is concentrating on tools for building distributed and parallel applications, which will allow him to develop introspective systems. In his remaining time, he is searching for queens and designing biological computers. His claim to fame in the past is as the national champion in Rubik cube solving. He can be reached at sosic@cit.gu.edu.au.

Jonathan Walpole received a Ph.D. Degree in Computer Science from Lancaster University, U.K. in 1987. He worked for two years as a post-doctoral research fellow at Lancaster University before taking a faculty position at Oregon Graduate Institute of Science & Technology. He is now an Associate Professor in the Computer Science and Engineering Department at Oregon Graduate Institute of Science & Technology. His research interests are in operating systems, distributed systems, and multimedia computing. He can be reached at walpole@cse.ogi.edu.