Contributors to this Issue

Jean-Serge Banino is currently Software Vice President at Lectra Systemes (a company developing CAD and CAM systems for the apparel industry).

After graduating from ISEN (French electronics engineering school), he was successively Research Director-co-founder and Scientific Director of the CHORUS distributed OS project at INRIA from 1974 to 1985, R&D Vice President at MATRA DATASYSTEMES (real-time and scientific computer manufacturer) from 1985 to 1988, and co-founder and President of DUNE TECHNOLOGIES (real-time computer manufacturer) from 1988 to 1991.

Roy H. Campbell received the B.Sc. degree in mathematics from the University of Sussex, England in 1969 and the M.Sc. and Ph.D. degrees in computer science from the University of Newcastle upon Tyne, Newcastle-upon-Tyne, England in 1972 and 1977, respectively.

Since 1976, he has been with the Department of Computer Science at the University of Illinois, Urbana and was promoted to Full Professor in 1985. He is the principal investigator of the *Choices* project which is developing a class-hierarchical object-oriented operating system for shared memory and distributed memory multiprocessors. His research interests include distributed and parallel systems, operating systems, programming language design, testing, and software engineering.

Dr. Campbell is a member of the IEEE Computer Society and the Association for Computing Machinery.

Jean Delcoigne has a mathematics background. Numerical analysis was his gateway to the computer world. His current interest is the design and validation of parallel programs. He is an engineer in CEA and is teaching real-time computing in the training department of CEA and at PARIS XI University.

Paulo Ferreira is currently doing his Ph.D. at INRIA (Institute National de Recherche en Informatique et en Automatique) as a student of Universit'e Pierre et Marie Curie (France). His research interests include operating system support for distributed and persistent objects, wide-address space operating systems, and garbage collection. Ferreira received an Electrical Engineering degree in 1988 and the M.Sc. in 1992 both from the Technical University of Lisbon.

Paulo Guedes has been a researcher in the Distributed Systems Group at INESC since 1982. His interests include operating systems, distributed systems and object-oriented programming. In the past he worked in the Research Institute of OSF in Cambridge, MA where he worked in Mach related projects. He received a B.S. degree in Electrical Engineering from IST in 1983, an M.S. in Electrical Engineering and Computer from IST in 1986 and is finishing its Ph.D. Currently, he is leading the Distributed Systems research group at INESC.

Nayeem Islam received his B.S.E. in EECS from Princeton University in 1986, an MS in Computer Science from Stanford University in 1987 and is currently pursuing a Ph.D. in Computer Science at the University of Illinois. From 1987 to 1990 he was at Sun Microsystems and was one of the developers of OpenWindows. He has been associated with the *Choices* operating systems project since September 1990. His interests are in parallel and distributed operating systems and object-oriented programming. He is the recipient of an IBM graduate fellowship.

Claude Kaiser is professor of Computer Operating Systems and Programming at CNAM, Paris, France and chairman of the Computer Science Department. CNAM is a techological university providing courses for continuing education of professionals and technicians. Claude Kaiser is coauthor of several books on operating systems and on programming. He participated in the design of real-time systems and of time-sharing operating systems when he was working for the French Navy and when he was senior scientist at INRIA. He has been contributing as a Scientific Advisor to projects such as the redoudant system Saphir, the Chorus Distributed Operating System and the Dune_iX Real-Time Operating System. His current interest is in dis-

trubited algorithms, in real-time schedulers and in the use of ADA for the teaching of Operating Systems.

Cristina Lopes was born in 1966 in Mangualde. She graduated in Electrical Engineering and Computers at IST (Instituto Superior T'écnico), Lisbon Technical University, in 1989, and obtained her M.Sc. degree in Computer Systems in 1992, also at IST. She was Assistant Professor of the Electrical Engineering and Computer Science Department at IST, and member of the Distributed Systems research group at INESC (Instituto Engenharia de Sistemas e Computadores). She is currently doing her Ph.D. in Northeastern University, MA.

José Alves Marques obtained his degree in Computer Science from the New University of Lisbon in 1977 and he got the Ph.D. in 1980 from Institute National Polytechnique of Grenoble. He has been a professor in the Instituto Superior T'écnico since 1981. In 1980, he participated in the launching of INESC, where he managed several research projects in the areas of distributed operating systems and computer architecture. He has been National Director of INESC since 1990.

Gérard Morisset is currently in charge of Software Quality at LECTRA SYSTEMES.

After graduating from INSA (French electronics engineering school), he successively led the CHORUS distributed OS kernel development at INRIA from 1974 to 1985, was in charge of SUNOS compatible multiprocessor OS development at MATRA DATASYSTEMES from 1985 to 1988, and in charge of DUNE_iX real-time OS development at DUNE TECHNOLOGIES from 1988 to 1991.

José Pereira was born in 1963 in Lisbon. He received the Electrical Engineer degree in 1986 and the M.Sc. in 1991, both from the Instituto Superior T'écnico, Lisbon, Portugal. He is a teaching assistant at Instituto Superior T'écnico in the area of Computer Science. His interests include, object-oriented languages, tools and systems. He is a member of INESC Multimedia Interaction research team, and is working towards his Ph.D.

Manuel Sequeira is a member of the Distributed Systems Group at INESC since 1985. He is also in the Department of Computer Science at the Lisbon Institute of Technology, Instituto Superior Técnico. His research interests include distributed systems and object-oriented systems. Sequeira received the B.S. degree in electronical engineering and received the M.S. degree in electronical engineering and computer science from the Instituto Superior Técnico in 1987 and in 1991. He is a member of the IEEE Computer Society and the ACM.

Pedro Sousa was born in 1964 in Lisbon. He received the Electrical Engineer degree in 1987 and the M.Sc. in 1991, both from the Instituto Superior Técnico, Lisbon, Portugal. He is a teaching assistant at Instituto Superior Técnico in the area of Computer Science. His interests include operating systems, distributed systems and object-oriented systems. He is a member of INESC Distributed Systems research team, and is working towards his Ph.D.

André Zúquete was born in 1965 in Lisbon. He graduated in Electrical Engineering and Computers at IST (Instituto Superior Técnico), Lisbon Technical University, in 1988, and obtained his M.Sc. degree from the same University in 1992, with a thesis on distributed object storing. He is currently Assistant Professor of the Electrical Engineering and Computer Science Department at IST, and member of the Distributed Systems research group at INESC (Instituto Engenharia de Sistemas e Computadores). He is currently preparing his Ph.D. and his main interests are the development of environments for distributed execution of cooperative applications.