

Biographies

Daniel J. Buehrer was born in Green Bay, Wisconsin. He received B.S. degrees in mathematics and physics from Carroll College, Waukesha, Wisconsin. His M.S. and Ph.D. degrees in computer science were earned at the University of Iowa in 1973 and 1976, respectively. He was assistant professor of computer science at the University of South Carolina from 1976 to 1979, associate professor at National Tsing Hua University, from 1979 to 1986, associate professor for a year at DePaul University, and associate professor at National Chung Cheng University, from 1988 until the present. His major research interests are artificial intelligence and object-oriented technology.

Chin-Chen Chang was born in Taichung, Taiwan, Republic of China. He received his B.S. degree in applied mathematics in 1977 and M.S. degree in computer and decision sciences in 1979 from National Tsing Hua University. He received his Ph.D. degree in computer engineering from National Chiao Tung University. From 1983 to 1989, he was on the faculty at the Institute of Applied Mathematics, National Chung Hsing University. From 1989 to 1992, he was professor and head of the Institute of Computer Science and Information Engineering at National Chung Cheng University. Since 1992, he has been the Dean of the College of Engineering at National Chung Cheng University. He has served as a consultant to several research institutes and government departments. His current research interests include data base design, computer cryptography, coding theory, and data structures. Dr. Chang is an associate editor of *Computer Quarterly*, *Journal of Computers*, *Journal of the Chinese Institute of Engineers*, *Journal of Electrical Engineering*, *International Journal on Policy and Information*, *Journal of Information and Management Science* and *Journal of Information Science and Engineering*, and was editor-in-chief of the *Journal of Information and Education*. He has won numerous research and academic awards for his work. Dr. Chang has published 70 papers in well-known international journals. He is a senior member of the IEEE and a member of the Chinese Language Computer Society, the Chinese Institute of Engineers of the Republic of China, and the Phi Tau Phi Society of the Republic of China.

Jen-Yen Chen received a B.S. degree in Industrial Engineering from Tung-Hai University, Taichung, Taiwan, a M.S. in Industrial Engineering, a M.S. in Computer Science, and a Ph.D. in Computer Science from the University of Texas at Arlington. He is currently an Associate Professor in the Department of Computer Science and Information Engineering at Chiao-Tung University, Hsinchu, Taiwan. His research interests include software process modeling, object technology, information systems, and software engineering environments.

Shin-Jia Hwang was born in Tainan, Taiwan, Republic of China. He received a B.S. degree in computer science from Chung Yuan University in 1990, and an M.S. degree in com-

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Yukio Miyazaki received an M.S. in Mathematics from Waseda University in 1973. He is currently a software engineer at Fujitsu Ltd., where he developed application packages, a software development standard called SDEM, quality control tools, and a software estimation tool. His research interests include software metrics and statistics, software estimation models, process maturity models, and software management techniques.

Hisashi Nozaki received a B.S. in Industrial Engineering from the Science University of Tokyo in 1982. He is currently employed at Nikon Corporation as a computer software engineer, where his research interests include metrics for software productivity, software estimation models, and user requirements analysis methods.

Ken Ozaki received a degree in Management Engineering from Nippon University, Japan, in 1972, and entered the domestic information systems division of Fujitsu Ltd. He was involved in design, development, operation, and maintenance processes for the strategic information system and established the basis of modern domestic information systems at Fujitsu. Since 1986, in the software factory division, he has been consulting, designing, developing, porting, and reengineering for user's applications. He is currently a manager of the Open System Development Department. He is directing research and development of open system technology.

Hoang Pham received his B.S. in mathematics and his B.S. in computer science from Northeastern Illinois University. He received his M.S. in statistics from the University of Illinois at Urbana-Champaign, and his M.S. and Ph.D. in industrial engineering from the State University of New York at Buffalo. He is on the faculty of the Department of Industrial Engineering at Rutgers University. From March 1989 to July 1990, he was a senior specialist engineer with the Boeing Company in Seattle. Since then, he worked as a senior engineering specialist with the Idaho National Engineering Laboratory until August 1993. His research interests include reliability and availability modeling, software reliability, applied probability and optimization, reliability theory, and fault-tolerant computing. He is the (co)editor of 6 volumes and the author of over 65 research papers.

William Pugh received a B.S. in computer science from Syracuse University and received a Ph.D. in computer science (with minor in action) from Cornell University. He has made research contributions to the fields of randomized data structures, incremental computation, implementation of functional and

object-oriented languages, the use of partial evaluation for hard real-time systems, and techniques for analyzing and transforming scientific codes for execution on supercomputers. In 1991, he received a Presidential Young Investigator award and a Packard Fellowship. He is currently an associate professor at the University of Maryland, College Park.

P. David Stotts joined the faculty of University of North Carolina at Chapel Hill as an Associate Professor in 1992. Prior to his current appointment, he spent a year with the Software Engineering Research Center in the Computer and Information Sciences Department at the University of Florida, and from 1985 through 1991 he was a member of the faculty of the Computer Science Department at the University of Maryland. Dr. Stotts has also held research and consulting positions at NASA Goddard Space Flight Center and at the National Institute of Standards and Technology, both in Washington, D.C. Dr. Stotts' recent research has been concentrated in concurrent

computation models and languages, visual programming, and hypertext applications in collaboration support and software process modeling.

Michibumi Terakado majored in Economics and graduated from the University of Hitotsubashi in 1976. He is currently employed at Fujitsu Ltd., where his primary interests include marketing of software business and planning, developing new products, project management of large systems, and software estimation problems. He has developed many systems in the manufacturing industry in the last decade.

Chia-Ming Tu received B.S. and M.S. degrees in Computer Science from Chiao-Tung University, Hsinchu, Taiwan. He is currently a software engineer in the Institute for Information Industry, Taipei, Taiwan. His research interests include software process languages and object technology.