

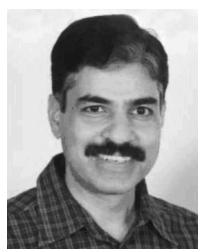
Editorial: New AE Introduction

John Knight, *Editor-in-Chief*

IT is my pleasure to introduce and welcome three new members of the Editorial Board, Robyn Lutz of Iowa State University and the Jet Propulsion Laboratory, Pankaj Jalote of the Indian Institute of Technology Kanpur, and William Frakes of Virginia Tech. Their brief biographical sketches below present their accomplishments, expertise, and interests. In addition, Dino Mandrioli, Mary Jean Harrold, and Larry Votta have left the editorial board of the *IEEE Transactions on Software Engineering*. Each of these colleagues has served the journal and, hence, the community with enthusiasm and energy, and we have all benefited from the work that they have done. It is a pleasure to thank each of them for their many contributions to the *IEEE Transactions on Software Engineering*. The role of the editorial board is very important and being a member of the board is both challenging and time consuming. The members of the editorial board are responsible for selecting reviewers for papers submitted to the journal and for making publication decisions. Many of them also assist in the preparation of our various special issues. The editorial board also engages in regular discussion about policy issues facing the *TSE*. These activities are undertaken voluntarily and co-exist with existing professional responsibilities.



Robyn R. Lutz received the BA (1974), MA (1976), and PhD (1980) degrees from the University of Kansas, and an MS degree (1990) from Iowa State University. She was a member of the technical staff at the Jet Propulsion Laboratory, California Institute of Technology, 1983-1997, and has been a senior engineer there since 1997. She has also held visiting scientist positions in the Department of Computer Science at Cornell University (1997) and in the Siemens Research Corporations's Software Engineering Research Group (2001). She is currently an associate professor in the Department of Computer Science at Iowa State University, where she teaches undergraduate and graduate courses in software engineering. Dr. Lutz's research interests are in two overlapping areas of software engineering: 1) how to build safe systems and 2) how to specify and analyze requirements. In the first area, her work focuses on software safety, safety-critical product lines, and defect analysis. In the second area, she is investigating formal modeling and analysis of requirements, especially for fault detection and recovery. Her research is supported by the US National Science Foundation and by NASA. Expertise areas: software safety, requirements engineering, safety-critical product lines, formal methods for specification and verification, defect analysis, fault monitoring and recovery



Pankaj Jalote received the Btech degree from IIT Kanpur, MS degree from Pennsylvania State University, and PhD degree from University of Illinois at Urbana-Champaign. He is a professor in the Department of Computer Science and Engineering at the Indian Institute of Technology Kanpur, India. From 1985 to 1989, he was an assistant professor at University of Maryland at College Park. Since 1989, he has been at IIT Kanpur, where he was also the head of the Computer Science and Engineering Department from 1998 to 2002. From 1996 to 1998, he was a vice president (quality) at Infosys Technologies Ltd., a large Bangalore-based software house. He is the author of four books—*CMM in Practice* (Addison Wesley, 1999), *Software Project Management in Practice* (Addison Wesley, 2002), *An Integrated Approach to Software Engineering*, (Springer Verlag, second edition, 1997), and *Fault Tolerance in Distributed Systems*, (Prentice-Hall, 1994). His current areas of expertise are software process improvement, software quality, statistical methods for software process, software metrics, and software performance. He is a senior member of IEEE.



William Frakes received the MS degree from the University of Illinois at Urbana-Champaign, and the MS and PhD degrees from Syracuse University, New York. He is an associate professor in the computer science department at Virginia Tech, Falls Church. He has been the manager of the Software Reuse Research Group at the Software Productivity Consortium, and supervisor of the Intelligent Systems Research Group at Bell Laboratories. He is author of many technical papers and books including *Software Engineering in the UNIX/C Environment*, and *Information Retrieval: Data Structures and Algorithms* (Prentice-Hall, 1991). He chairs the IEEE TCSE committee on software reuse.

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