

Editorial: New Associate Editors Introduction

Jeff Kramer

It is my pleasure to introduce and welcome six new members to further strengthen our Editorial Board, Phyllis Frankl, Katsuro Inoue, Harold Ossher, Adam A. Porter, Heinz Schmidt, and Axel van Lamsweerde. Dr. Frankl will assist us in the areas of software testing and static analysis, Dr. Inoue in the areas of program analysis, component and reuse, empirical methods, process modeling, and software development environments, Dr. Ossher in the areas of separation of concerns, software structure and modularity, aspect-oriented software development, and software engineering environments and tools, Dr. Porter in the areas of software quality assurance, software testing, empirical software engineering, distributed development processes, and software inspection, Dr. Schmidt in the areas of software engineering, software requirements and specification, software verification, testing, and debugging, design tools and techniques, and concurrent object-oriented programming, and Dr. van Lamsweerde in the areas of requirements engineering, system modeling, formal methods, and process modeling and analysis. The brief biographies of these new AEs can be found below.

I would also like to thank the following people who have retired from the Editorial Board within the past year: Manfred Broy, Betty Cheng, Marc Jean Jezequel, Ali Mili, Jeff Offutt, Greg Rothermel, David Weiss, and Elaine Weyuker. These colleagues have given their time and effort to the task of maintaining the reputation of the *IEEE Transactions on Software Engineering* as a first-class journal. David Parnas has also completed his term as an AE, but, in recognition of his continued involvement in the journal from its inception, I am delighted that he remains as an Emeritus Associate Editor of the journal.

I look forward to working with our new AEs.

Jeff Kramer
Editor-in-Chief



Phyllis Frankl received the BA degree in mathematics and physics from Brandeis University, the MA degree in mathematics from Columbia University, and the PhD degree in computer science from the Courant Institute, New York University. Her primary research interests are in software testing. She is a professor in the Department of Computer and Information Science at Polytechnic University in Brooklyn, New York. Her research group has developed tools for dataflow testing, regression testing, testing object oriented programs, and testing database application programs and has conducted theoretical and empirical studies of the effectiveness of testing techniques.



Katsuro Inoue received the BE, ME, and DE degrees in information and computer sciences from Osaka University, Japan, in 1979, 1981, and 1984, respectively. He was an assistant professor at the University of Hawaii at Manoa from 1984-1986. He was a research associate at Osaka University from 1984-1989, an assistant professor from 1989-1995, and a professor beginning in 1995. His research interests are in various topics of software engineering such as program analysis, component and reuse, empirical method, process modeling, and software development environment. He is a member of the IEEE, the IEEE Computer Society, and the ACM.



Harold Ossher received the BSc (Hons) and MSc degrees in computer science from Rhodes University, Grahamstown, South Africa, and the PhD degree in computer science from Stanford University. He spent a year as a research associate at Stanford University, then joined the IBM Thomas J. Watson Research Center in 1986. He was a major contributor to the RPDE3 framework for building integrated, extensible environments, and is one of the originators of subject-oriented programming, multidimensional separation of concerns (MDSOC), Hyper/J, and the Concern Manipulation Environment (CME). He was general chair of the First International Conference on Aspect-Oriented Software Development (AOSD 2002), and is currently chair of the AOSD Steering Committee that oversees the conference series. He is now working on support for requirements engineering integrated within Jazz, an extensible team collaboration platform.

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Adam A. Porter received the BS degree summa cum laude in computer science from the California State University at Dominguez Hills, Carson, California, in 1986. In 1988 and 1991, respectively, he received the MS and PhD degrees from the University of California at Irvine. Currently an associate professor, he has been with the Department of Computer Science and the Institute for Advanced Computer Studies at the University of Maryland since 1991. He is a winner of the US National Science Foundation Faculty Early Career Development Award and the Dean's Award for Teaching Excellence in the College of Computer, Mathematics, and Physical Sciences. He is a former member of the editorial board of the *ACM Transactions on Software Engineering*. His general research interests include software quality assurance, empirical methods for identifying and eliminating bottlenecks in industrial development processes, experimental evaluation of fundamental software engineering hypotheses, and development of tools that demonstrably improve the software development process. Dr. Porter is a member of the ACM and the IEEE Computer Society.



Heinz Schmidt received the PhD degree from Bremen University in Germany and received the undergraduate computer science degree from the Rheinische Friedrich-Wilhelms University Bonn in Germany. He is a professor of software engineering at Monash University, Australia, where he directs the Research Centre for Distributed Systems and Software Engineering. He has more than 20 years experience with component-based and object-oriented languages and software architectures in practice, research, and training. His contributions center around extrafunctional properties, such as timing, reliability, and fault tolerance of parallel and distributed component software, their formal modeling, and verification. Heinz has published more than 120 refereed articles, supervised more than 25 higher-degree research (master's and PhD) students, and lectures in software engineering, programming languages, and concurrent/distributed systems. Before joining Monash University, Dr. Schmidt conducted research at the German National Research Centre for Information Technology (GMD, now part of Fraunhofer), the International Computer Science Institute (ICSI) at the University of California, Berkeley, the Australian CSIRO, and the Australian National University, Canberra.



Axel van Lamsweerde is a full professor at the Department of Computing Science of the Université Catholique de Louvain (UCL), Belgium. He was formerly a research associate at Philips Research Labs and a professor at the universities of Namur and Brussels. He was also a research fellow at the University of Oregon and the Computer Science Laboratory of SRI International (Menlo Park, California). He was a cofounder of two software technology transfer centers supported by the European Union. His research interests are in precise techniques for requirements engineering, system modeling, high assurance systems, lightweight formal methods, process modeling and analysis, medical safety, and knowledge-based software development environments. Since 1990, he has been instrumental in the development of the KAOS goal-oriented modeling language, method, and toolset. The method and toolset have been used worldwide in more than 25 industrial projects. Dr. van Lamsweerde was editor-in-chief of the *ACM Transactions in Software Engineering and Methodology (TOSEM)*, program chair of major international software engineering conferences including ESEC '91 and ICSE '94, and a founding member of the IFIP WG2.9 Working Group on Requirements Engineering. He was an invited keynote speaker at major conferences in the field including ICSE '00 and RE '04. He is an ACM Fellow and a recipient of the ACM SIGSOFT Distinguished Service Award.