Editorial

I am pleased to announce some changes in the composition of the TOSEM Editorial Board. The 3-year term expired for the following Associate Editors: Prem Devanbu, Constance Heitmeyer, Kevin Sullivan, and Catalin Roman. I wish to thank them publicly for their service to the journal and, more generally, to the software engineering community.

The following colleagues joined the Board in January 2004: Laura Dillon, Paola Inverardi, Mehdi Jazayeri, and Pamela Zave. The group was expanded in January 2005 to include George Avrunin, Mary Jean Harrold, Gail Murphy, Oscar Nierstrasz, David Rosenblum, and Tetsuo Tamai. Their brief bio sketches are listed below. I wish to welcome all of them and thank them in advance for the contribution they will provide in keeping the high standards and scientific reputation of the journal.

CARLO GHEZZI
Editor-in-Chief

Associate Editors Effective January 2004

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Dr. Laura (Laurie) K. Dillon received her Ph.D. degree in Computer Science from the University of Massachusetts, Amherst (1984). She previously served on the faculty at the University of California, Santa Barbara (1985–1998). Currently, she is a professor and interim chair of Computer Science at Michigan State University. Laurie's research interests center on formal methods for specification, analysis, and testing of software systems. She has served the software engineering community on various editorial boards, program committees, funding panels, and professional advisory committees. Most recently, she was program co-Chair of ICSE'03 and she sits on the Executive Committee of ACM SIGSOFT.

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Paola Inverardi is full professor at the University of L'Aquila. Previously she has worked at IEI-CNR in Pisa and at Olivetti Research Lab in Pisa. She is head

of the Department of Computer Science at the University of L'Aquila where she leads the Software Engineering and Architecture Research Group. Her main research area is in the application of formal methods to software development. Her research interests primarily concentrate in the field of software architectures. She has actively worked on the verification and analysis of software architecture properties, both behavioural and quantitative for component-based, distributed and mobile systems. She has served as general chair, program chair, and program committee member for many international conferences. She is currently Chair of the Steering Committee for the European Software Engineering Conferences (ESEC).

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Mehdi Jazayeri is currently dean of the Faculty of Informatics and professor of Computer Science at the University of Lugano, Switzerland. He also holds the chair of distributed systems at the Technical University of Vienna. He spent many years in software research and development at several Silicon Valley companies, including ten years at Hewlett-Packard Laboratories in Palo Alto, California. His recent work has been concerned with component-based software engineering of distributed systems, particularly Web-based systems. He is a co-author of *Programming Language Concepts* (John Wiley, 1998), *Fundamentals of Software Engineering* (Prentice-Hall, 2002), and *Software Architecture for Product Families* (Addison-Wesley, 2000).

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Pamela Zave received a Ph.D. in Computer Sciences from the University of Wisconsin, Madison. She taught at the University of Maryland before joining AT&T Bell Laboratories in 1981. Dr. Zave's chief interests are requirements engineering and formal methods for software development. She is best known for her work on multiparadigm specification, the executable specification language PAISLey, and the Distributed Feature Composition architecture. In 2002, she was named a Fellow of the ACM for her contributions to the use of formal methods in telecommunication software.

Associate Editors Effective January 2005

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George Avrunin is a professor in the Department of Mathematics and Statistics and an adjunct professor in the Department of Computer Science at the University of Massachusetts. His primary research interests are in formal methods, especially finite-state verification and model checking, and requirements engineering. He has served as conference chair for the International Symposium on Software Testing and Analysis and as a program committee member for numerous conferences. He received his Ph.D. in Mathematics from the University of Michigan in 1976.

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Mary Jean Harrold is the NSF ADVANCE Professor of Computing at Georgia Tech. She performs research in analysis and testing of large, evolving software, fault-localization using statistical analysis and visualization, monitoring deployed software to improve quality, and software self-awareness through real-time assessment and response. Professor Harrold received an NSF NYI Award and was named an ACM Fellow. She serves on the editorial board of ACM TOPLAS, on the Board of Directors for the Computing Research Association (CRA), as vice chair of ACM SIGSOFT, as co-chair of the CRA Committee on the Status of Women in Computing (CRA-W), and as a member of the Leadership Team of the National Center for Women and Information Technology. She received her Ph.D. from the University of Pittsburgh.

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Gail Murphy is an associate professor in the Department of Computer Science at the University of British Columbia in Vancouver, Canada. She received her M.S. degree and Ph.D. degree in Computer Science and Engineering from the University of Washington in 1994 and 1996, respectively, and B.S. (Honors) degree from the University of Alberta in 1987. From 1987 to 1992, she worked

as a software designer at a telecommunications firm. Her research focuses on creating and evaluating methods and tools to help software developers manage and evolve the structure of the software systems they are developing both at design time and in source code.

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Oscar Nierstrasz has been a professor of Computer Science at the Institute of Computer Science (IAM) of the University of Bern since 1994, where he leads the Software Composition Group. He is the author of over a hundred publications and co-author of the book *Object-Oriented Reengineering Patterns* (Morgan Kaufmann, 2003). Prof. Nierstrasz has been active in the international object-oriented research community, serving on the programme committees of the ECOOP, OOPSLA, ESEC and many other conferences, and as the programme chair of ECOOP '93 and ESEC '99. He completed his B.S. (Math) at the University of Waterloo in 1979, his M.S. in 1981, and his Ph.D. in 1984 at the University of Toronto, in the area of Office Information Systems. Since then he has worked at the Institute of Computer Science in Crete (1985) and in the Object Systems Group at the Centre Universitaire d'Informatique of the University of Geneva, Switzerland (1985–1994).

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Prof. David S. Rosenblum holds the Chair in Software Systems in the Department of Computer Science at University College London and is Director of London Software Systems, a research institute established jointly with Imperial College London. He received his Ph.D. in 1988 from Stanford University, USA, and he currently holds a Wolfson Research Merit Award from the Royal Society of the UK. He has published widely in testing and run-time monitoring of software and in event-based computing, and his recent research has been investigating problems in Internet-scale publish/subscribe infrastructures. In 2002, he received the International Conference on Software Engineering's Most Influential Paper Award for his ICSE 1992 paper on assertion checking in C programs. He previously served on the editorial board of the *IEEE Transactions on Software Engineering* and is currently the Chair of the ICSE Steering Committee.

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Tetsuo Tamai received the B.S., M.S. and D.S. degrees in mathematical engineering from the University of Tokyo. He became a professor of the Graduate School of Arts and Sciences, the University of Tokyo in 1994 and has been in that position ever since. His current research includes high reliability component-based software engineering, collaboration and role modelling, formal analysis of software architectures, and software evolution process. He has been sharing responsibilities of a number of international academic conferences, including PC of ICSE's, RE's, ESEC/FSE's, ICSM's and many others, as well as steering committee of APSEC and IWPSE.