

State of the Journal

Matthew Dwyer 

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OVER AND NEXT

OVER the past four years the editorial board of *TSE* has worked to identify and address challenges and opportunities in the publication of research contributions in the field of software engineering. As we have reported in prior editorials, *TSE* has made consistent and substantial progress in reducing the time to review submitted manuscripts and has helped to create the successful, and growing, “journal first” publication model in software engineering.

These efforts have been the product of thousands of hours of volunteer effort on the part of the dedicated editorial board and reviewer community who support *TSE*. Space does not allow for thanking each of them in person, but we would like to express our thanks to John Grundy and Jane Cleland-Huang who served as Associate Editor-in-Chiefs for *TSE* over the past four years. They have been invaluable contributors in advancing *TSE*.

In all of our work, we have maintained the perspective that *TSE* serves the software engineering community. We have worked with partners at other journals, in the professional organizations, and in conference organizing committees to develop approaches that work well for the large, and complex, software engineering publication ecosystem. The steps we have made put the community in a position to move forward to create a more diverse and inclusive system for disseminating world-class research results and we hope that the entire community will work to advance our collective interests with a similar sense of service.

Next up as *TSE* Editor-in-Chief is Professor Nenad Medvidović. Neno’s record as a tireless contributor to the community over the past decade serving as Program co-Chair of ICSE, Steering Committee Chair of ICSE, Chair of the ACM Special Interest Group on Software Engineering (SIGSOFT), and on the editorial boards of *TSE* and ACM TOSEM demonstrates his deep commitment to serving the software engineering community. His experience working with the two most prominent professional organizations that sponsor conferences and journals in software engineering puts him in a unique position to address changes to publication processes and practices that our field is experiencing. Professor Medvidović is a world-class scholar and has been a pioneer in advancing research on architecture-based solutions to software development challenges. His experience as an accomplished and widely published author will inform his leadership of *TSE* and drive it to be an increasingly valuable resource for the software engineering community.

PEOPLE MAKE TSE WORK

The associate editors of *TSE* play a critical role. They assess manuscripts to make judgments about their appropriateness for the journal. When appropriate they commission a set of reviews from experts in the field. Perhaps most critically when reviews are returned they interpret and synthesize the set of reviews to provide a coherent message and judgment to the authors about their paper.

In 2017 the following members of the editorial board retired after their term of service: Robyn Lutz, Mauro Pezze, Rob Deline, Audris Mockus, Gail Murphy, Paolo Tonella, Helen Sharp, Gian Pietro Picco, Jo Atlee, Margaret Burnett, Ahmed Hassan, Andreas Zeller, and Zhenjiang Hu. We thank each of them for the many hundreds of hours of volunteer effort they contributed to bettering the field of software engineering. We also encourage you to thank them for their service to the international software engineering research community when next you cross paths with them.

In 2017 *TSE* has been fortunate to add the following highly accomplished researchers as Associate Editors: Mike Whalen, Gordon Fraser, Reid Holmes, Koushik Sen, Andrew Begel, Jeff Carver, Valerie Issarny, Victor Braberman, Carolyn Seaman, Sven Apel, Xiangyu Zhang, Emerson Murphy-Hill, Lin Tan, Ali Mesbah, Hridesh Rajan, and Denys Poshyvanyk. We know that their efforts will enhance the review process at *TSE*.

Matthew Dwyer
Outgoing Editor in Chief

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Nenad Medvidović received the PhD degree in information and computer science from the University of California, Irvine, in 1999. He is a professor in the Computer Science Department and in the Informatics Program, University of Southern California. He is the founding director of the SoftArch Laboratory at USC. He has previously served as Director of the USC Center for Systems and Software Engineering (2009-2013), associate chair for Ph.D. Affairs in USC's CS Department (2011-2015), and chair of the Steering Committee for the International Conference on Software Engineering (2013-2015). He was the program co-chair of ICSE 2011. He is currently serving as chair of the ACM Special Interest Group on Software Engineering (SIGSOFT). He has served or is currently serving as an associate editor of a number of journals, including the two flagship software engineering journals: the *IEEE Transactions on Software Engineering* (2010-2014) and the *ACM Transactions on Software Engineering and Methodology* (2014-present). He is a recipient of the National Science Foundation CAREER (2000) award, the Okawa Foundation Research Grant (2005), the IBM Real-Time Innovation Award (2007), and the USC Mellon Mentoring Award (2010). He is a co-author of the ICSE 1998 paper that was recognized as that conference's Most Influential Paper. His work has won several additional "Best Paper" awards. His research interests are in the area of architecture-based software development. He is a co-author of a textbook on software architectures. He is an ACM distinguished scientist and a fellow of the IEEE.

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