

Farewell State of the Journal Editorial

Albert Y. Zomaya

It is with mixed feelings that I am writing this farewell note to the readership of the *IEEE Transactions on Computers* (TC). I have enjoyed my tenure at the helm of the TC for the last four years and I am grateful for the opportunity to lead such a prestigious and highly respected journal in the field of computing. Another privilege was the chance to work with many excellent associate editors and the wonderful staff at the IEEE Computer Society (CS). Without their help, the enormity of the task would have surpassed my capabilities. The start of my term (in 2011) coincided with the 60th anniversary of the TC, which was marked by a number of celebrations by the CS and TC during that year. It was a great time during which we reflected on the history of the TC and the impact that it had on the career of many computer scientists and engineers.

Over the years, the TC maintained its esteemed status through a rigorous review process, which I further enforced during my term. Of course, that was only made possible by the tireless efforts of many of the present and past associate editors and loyal legion of reviewers. The TC maintained its relevance by engaging the right expertise and supporting new and emerging themes in computing. I supported special issues in many emerging areas, such as cloud computing, energy-efficient computing, multicore systems, and many more. This, of course, emphasized the need to continue selecting visible and high caliber researchers (from academia, industry and research laboratories) to serve on the editorial board who are able to cover the full spectrum of computing research today, even though that might not be an easy task. During my term, I nearly doubled the number of associate editors while maintaining a gender balance and a mix of regional representations. I also appointed two associate editors in chief to assist with the different operations of the TC.

The TC will continue its mission to remain the lead publication in the field. The number of submissions has grown tremendously. We currently handle close to 1,000 submissions every year. We also transitioned in January 2013 from paper printed form to the OnlinePlus publication model, which was another development that allowed us to deal with papers more rapidly. The TC remains the perfect incubator for all of new ideas and opportunities and can be the initiator of many more.

I would like to welcome professor Paolo Montuschi, who has been selected as the editor in Chief of the TC. Paolo worked with me as an associate editor and associate editor in chief. He is a distinguished researcher with interests in computer arithmetic, computer graphics, computer architectures, and electronic publishing. Paolo is very energetic and he has played many roles with the CS. He is the first editor in chief from continental Europe, which is a reflection of the international and diverse nature of the TC. I am sure he will further lead the rapid growth of TC in the next few years and will take it to new heights. I am also positive that all of you will support Paolo in his new role as you supported me.

Finally, I would like to thank the readers of the TC for their support and encouragement during my time as editor in chief. I look forward to seeing TC going from strength to strength and I am certain the future holds more fruitful years for this great publication. Once more, thank you for the great times and the wonderful memories!

Albert Y. Zomaya



Paolo Montuschi (M'90-SM'07-F'14) received the PhD degree in computer engineering in 1989; and since 2000, he has been a full professor. He is a professor of computer engineering at Politecnico di Torino, Italy, and a deputy chair of the Control and Computer Engineering Department. Previously, he served as a chair of the Department from 2003 to 2011, and as a chair or a member of several Boards, including the Board of Governors. He has served as an associate editor-in-chief of the *IEEE Transactions on Computers* and is serving as a member of the steering committee and as an associate editor of the *IEEE Transactions on Emerging Topics in Computing* and as a member of the Advisory Board of *Computing Now*. In the IEEE Computer Society, he served as a chair of the Magazine Operations Committee in 2014 and as a member both of the Publications Board and of the Digital Library Operations Committee. In the IEEE, he is serving as a member of the Publication Services and Products Board as well as of the TAB/PSPB Products and Services Committee. He is also serving as a member and representative of *The Institute* Editorial Advisory Board. Previously, he served as a chair of the Electronic Products and Services and the Digital Library Operations Committees, a member of Electronic Products and Services Committee, a member-at-large of the Computer Society's Publications Board, a member of Conference Publications Operations Committee, and a member of the Board of Governors of the IEEE Computer Society. He served as a guest and an associate editor of the *IEEE Transactions on Computers* from 2000 to 2004 and from 2009 to 2012, and co-chair, program and steering committee member of several conferences. His current main research interests and scientific achievements include computer arithmetic, computer architectures, computer graphics, electronic publications, semantics & education, and new frameworks for the dissemination of scientific knowledge. Recently, he was inducted into the International Academy of Sciences of Turin. He is a fellow of the IEEE and a Computer Society Golden Core Member. Please visit his personal page at <http://staff.polito.it/paolo.montuschi/>.