

# Editorial: Services Computing in 2016

Ling Liu

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*IEEE Transactions on Services Computing (TSC)* will celebrate its ninth anniversary in 2016. In the first issue of 2016, I would like to report the achievements of *TSC* to our readers, authors, reviewers, *TSC* editorial board and *TSC* executive advisory board. First, *TSC* has gained its impact factor of 3.049 and its five-year impact factor of 3.181, which places *TSC* in the elite class of highly ranked peer reviewed journals in both IEEE publications and other international journal publications. Second, *TSC* has enjoyed its first year in 2015 as a bi-monthly journal and publishes every two months and six issues annually, instead of quarterly from 2008-2014. This helps *TSC* to reduce the time from acceptance to publication for all accepted papers. Third, the number of submissions *TSC* receives continues to grow. In response to the growing community, including both authors and readers, as of December 2015, *TSC* editorial board has 48 distinguished associate editors, including 12 IEEE Fellows, 1 ACM Fellow, 5 AAAS Fellows, and 2 members of the Academy of Europe (Academia Europaea). Three associate editors have joined the *TSC* editorial boards in 2015: Carl K. Chang, Derek L. Nazareth, and Eleni Stroulia. All associate editors will serve one term of two years with renewal of another term. Five associate editors are retiring in January 2016: M. Brian Blake from Drexel University, Athman Bouguettaya from RMIT university in Australia, Michael Rung-Tsong Lyu from the Chinese University of Hong Kong, Louis Moser from UCSB, and Wil M.P. van der Aalst from Twente University, The Netherlands. On behalf of *TSC* executive advisory board, I thank them for their services and contributions to the growth of *TSC*. Finally, Dr. Rong N. Chang from IBM TJ Watson has been appointed to serve as an Associate Editor-in-Chief since Fall 2015.

Services computing research is entering an exciting time. Data has been the number 1 fast growing phenomenon on the Internet for the last decade with the emergence of Big Data and Internet of Things. Engineering big data analytics demands significant advances in delivering data analysis as a service (DAAA). Although we have witnessed numerous hardware infrastructures, computing platforms and software applications being offered as outsourced and managed services, big data analytics have not yet been packaged and outsourced as large scale “dialtone” services due to 1) the complexity and high cost involved in using conventional analytic platforms and tools to connect big data with rich models of analytics, 2) the need for innovative approaches to perform cross-layer and cross-network correlation and knowledge discovery, and 3) the lack of support for elastic and multi-tenant analytics that can seamlessly scale with the exponential growth of big data and the evolving demands of analytic applications.

In 2016, *TSC* will continue to improve the coverage of cutting-edge Services Computing research, including featuring the *special topic sections* in its regular issues and continuing to attract contributions to its *surveys section*. We will engage new efforts on pursuing business and enterprise perspectives in services computing and encouraging research efforts on delivering data analytics as a service in business, science and engineering disciplines. For example, a special section entitled “*In Search of a New Alignment in Service Research*” will appear in one of the 2016 *TSC* issues, with the guest editors from business management, services research and computer science: Michael Goul, a professor and chair of the business school in Arizona State University, and a member of *TSC* executive advisor board members, Paul Maglio, the Editor-in-Chief of INFORMS Service Science and Patrick Hung, a member of the *TSC* editorial board. We expect such type of special issues to help broaden the scope of *TSC* and attract readership and authorship from business and management community.

I am very pleased with the milestones that *TSC* has achieved in 2015. I would like to take this opportunity to thank the continual contributions from the authors, readers, reviewers, *TSC* advisory board members, *TSC* editorial board members, the staff of IEEE and *IEEE Computer Society*, especially Ms. Christine Kurzawa. They have made significant contributions to every success that *TSC* has made to date, including maintaining the average review cycle of two to three months and the average queuing time of six-eight months for accepted papers to appear.

I would like to wish you a happy and successful 2016. As always, we love to hear your suggestions and comments on the ways to improve *TSC* in 2015. I look forward to your continued support as an author, a reader, a reviewer, and a volunteer.

Ling Liu  
Editor-in-Chief  
Atlanta, Georgia, USA