

# Editorial: Service Computing in the Next Seven Years

Ling Liu, *Fellow, IEEE*

*IEEE Transactions on Service Computing (TSC)* is the IEEE flagship publication in service computing. It was launched in 2008 with four issues per year and roughly 10 articles per issue. In the past seven years, *TSC* has received more than 1,500 submissions from authors of 48 countries. With over 50 editorial board members and more than 2,000 reviewers, *TSC* has published close to 300 articles, covering all areas of the Service Computing, including Service Oriented Architecture (SOA), web services, Mashups, Cloud Computing, Software as a Service, business consulting methodology and utilities, business process modeling, transformation and integration and emerging service technologies, such as data storage technology, Big Data and Analytics as a service, green computing or energy efficient computing technology. *TSC* is indexed by Thomson Reuters (ISI), EI Compindex & EI, Science Citation Index Expanded (SCI-e) and other indexing systems such as Google Scholar.

In the next seven years, *TSC* will continue its leadership in service computing research from a number of dimensions: *TSC* will continue to attract and publish innovative and transformative research contributions; *TSC* will continue to serve as an archival journal for providing historical perspective of research development in service computing; and at the same time, *TSC* will continue to be a definitive forum for disseminating timely and exciting ongoing research that can stimulate innovation.

We can visualize the evolution of service computing through the following seven waves: web services represent the first wave of service computing, where web services are facilitating the eCommerce and eBusiness. Social computing services represent the second wave of service computing, where social media and online community are facilitating the interactive computing and the social collaboration between people. Mobile services can be viewed as the third wave of service computing by offering location-based content delivery, location based entertainment, and location based advertisement. Enterprise computing represented by web hosting services and data center computing services represents the fourth wave of service computing where applications are served by stand-alone data centers. Followed by the Cloud services as the fifth wave of service computing, pushing the vision of delivering the hardware infrastructure as a service (IaaS), the software platform as a service (PaaS) and the application software as a service (SaaS). We can view the Big data and data analytics as the emerging trend and the sixth wave for service computing. We believe that the vision of making everything as a service will represent the seventh wave of service computing, which will enrich the service computing ecosystem by enabling everything from computing power, network management, business processes, personal interactions to Internet of things (IoT) as a service. In the next seven years, the Internet will continue to go through many transformations and service computing is a technology enabler for many of the transformations. In the next seven years, Service computing will evolve not only as a technology enabler but also as the bridge between computing and everything else.

I would like to end this editorial by making two announcements: (i) starting from 2015, *TSC* will publish six issues annually; and (ii) *TSC* has officially introduced the surveys column. We encourage submissions to the surveys column, which covers important topics and technology trends in service computing.

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Ling Liu  
*Editor-in-Chief*