

A Status Report on IEEE Transactions on Cloud Computing

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WELCOME to 2015's second issue of the *IEEE Transactions on Cloud Computing (TCC)*. It has been my privilege and honor to serve as the inaugural Editor-in-Chief of *TCC* since it launched in 2013 as a quarterly journal. In a short time span *TCC* has made excellent progress and established itself as one of the best venues for dissemination of fundamental and innovative research results in Cloud computing—thanks to the outstanding support of the IEEE and the world-wide Cloud computing community.

I am pleased to share *TCC's* status and key accomplishments during the last two years:

- 1) *TCC* has a well-established editorial board, which is made up of leading researchers from all regions of the world and organizations including California Institute of Technology, Oxford University, Princeton University, University of Toronto, Bell Labs, Tsinghua University, LNCC Brazil, Indian Institute of Technologies (IITs), National University of Singapore, IBM, and Cisco.
- 2) All members of the editorial board serve as Associate Editors and support the Transactions by sharing their expertise and actively managing the reviews of assigned papers and getting involved in decision making along with me. In my role as EiC, I proactively supported them as a proxy whenever required so that papers are processed in timely manner and decisions are conveyed to authors rapidly to keep up with the pace of innovation taking place in Cloud computing. This is reflected in the following statistics for decision timing on processing of papers:
 - Avg. days from submission to first decision: 75
 - Avg. days from submission to final decision: 83.
- 3) *TCC* has been regularly attracting a healthy number of submissions and as a result we are able to accept high quality papers and maintain a competitive acceptance rate. The details on submissions and acceptance during 2013 and 2014 are as follows:
 - 2013 submissions: 348 (including SI papers)
 - 2014 submissions: 725 (including SI papers)
 - Number of papers accepted in 2013: 51 = 14.6%
 - Number of papers accepted in 2014: 56 = 7.7%.
- 4) Please note that not all papers submitted in 2014 are included in the acceptance statistics above as they

are either being reviewed or revised. Once they are cleared, acceptance ratio for 2014 will increase. As per the ScholarOne manuscript management system, the acceptance ratio of *TCC* (prior 12 months) is around 19 percent.

- 5) *TCC* has supported proposals for organization of special issues (SIs), which contributed towards submissions/acceptance statistics noted above. They are:
 - Cloud Security
 - Utility and Cloud Computing Science and Technology
 - Autonomic Provisioning of Big Data Applications on Clouds
 - Big Data Computing on Clouds
 - Cloud Economics
 - Cloud Service for Health Care
 - Green and Energy-Efficient Cloud Computing
 - Scientific Cloud Computing
 - Security and Privacy Protection on Clouds.
- 6) To enhance the visibility and impact of the papers accepted by *TCC*, under J1C2 (Journal First & Conference Second) model of the IEEE Computer Society, selected papers were presented in special sessions organized along with conferences held in Singapore (CloudCom 2014) and London (UCC 2014).
- 7) *TCC* has been promoted regularly at various international IEEE conferences held in several countries including USA, India, China, Singapore, Australia, United Kingdom, and Spain.
- 8) Apart from a Web portal hosted in the IEEE Computer Society domain, *TCC* has its own social network channels hosted on Facebook and LinkedIn.

The papers published in this issue cover hot topics and innovative solutions for challenging problems in Cloud computing ranging from security and resource management to applications in science and business. I hope you will enjoy reading them and get inspired to innovate further.

I would like to thank authors, reviewers, and readers for their support for *TCC*. I sincerely acknowledge the strong support offered by all members of the Steering Committee, colleagues from the IEEE Computer Society, members of the Editorial Board, and the Cloud computing community world-wide in establishing *TCC* in record time.

I request your continued support in sustaining *TCC* as the premier forum for Cloud computing research and innovation. Your feedback and comments on further improving *TCC* are highly appreciated.

Professor Rajkumar Buyya
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