State of the Journal

David A. Bader, Fellow IEEE

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WELCOME to this year's first issue of the *IEEE Transactions on Parallel and Distributed Systems* (*TPDS*). I'm excited with my new role as incoming Editor-in-Chief of *TPDS* and look forward to serving the community over the next several years. As a brief introduction, I'm a full professor at the Georgia Institute of Technology, and have a rich service record to the IEEE and the leading conferences and journals. One of my first official duties as incoming EIC is to recognize and thank Ivan Stojmenovic for his dedication and service to *TPDS*. I'm inheriting a very healthy publication: As the former EIC, Ivan has been proactive to make *TPDS* one of the fastest growing among all of the transactions in the IEEE Computer and IEEE Communications Societies to accept and publish papers, within 36 weeks on average. *TPDS* was among the first of the IEEE transactions to adopt the OnlinePlus™ publication model, and the abstract booklet and disk are distributed on a quarterly basis to subscribers.

My goals as EIC are to increase the visibility and relevance of *TPDS*. The IEEE is a hallmark of quality for technical publication. The value *TPDS* brings to the international community is in its collection of the highest quality research that is relevant to academia, industry, and laboratories. I will investigate new opportunities for *TPDS* to capture the best ideas and explore innovative ideas for partnerships with the leading parallel and distributed systems conferences in new mechanisms for publication.

Last year, the scope of *TPDS* was updated to reflect the latest and exciting developments in the area, such as many-core systems, network on chips, cloud computing, social networks, wireless networks, and cyber-physical systems. *TPDS* will continue to modify its scope to reflect the state of the art in the research areas of parallel and distributed systems. I expect a very active discussion of the *TPDS* editorial board as we continue to modernize the scope by incorporating "hot topic" areas.

New topics are emerging that are relevant to the field of Parallel and Distributed Systems, including heterogeneous and many-core computing, "Big Data," and applications ranging from life sciences to ubiquitous computing. As EIC, I will work with the IEEE community to ensure that *TPDS* remains relevant to these broad initiatives. In the upcoming months, I will recruit new editorial board members who will serve as distinguished ambassadors and solicit the "cream of the crop" papers for *TPDS*. I will also reach out to the top conferences in parallel and distributed systems, and develop co-marketing strategies with these events. In this day when parallel and distributed computing has moved from a niche area to a mainstream topic, *TPDS* should be the premier transactions for the latest developments.

In 2014, we are planning for several editorial board meetings and information sessions at the leading IEEE conferences related to parallel and distributed systems. Stay tuned for more information!

I hope you will continue to submit your best papers to *TPDS*!

David A. Bader
Editor-in-Chief