Editorial from the Editor-in-Chief

In the past few decades, parallel computing has emerged from a specialized niche at the frontier of computing, to a ubiquitous feature of nearly all computing systems. I'm excited to serve this community as the second editor-in-chief of the *ACM Transactions on Parallel Computing (TOPC)*, with a 3-year term that began on November 1, 2018. As you know, I am a founding member of these transactions and served from inception as an associate editor on the editorial board. The *ACM TOPC* was established with a shared vision to serve as the premier forum for innovative research broadly across theory and practice of parallel computing, and covering everything from foundational topics and algorithms, systems, languages, architectures, tools, and applications. *ACM TOPC* aims to be the top academic journal for the diverse topics in parallel computing, and I look forward to leading the transactions into its next phase of growth as it continues to firmly establish itself within the field.

Please join me to congratulate Phillip B. Gibbons, Carnegie Mellon University, for founding *ACM TOPC* and thank him for serving as our first editor-in-chief. He's done an excellent job establishing *TOPC* in the community as a flagship outlet for disseminating the highest quality research. I am grateful for Phil's ongoing guidance; he's agreed to serve on a new Advisory Board, along with other founding associate editors Kunal Agrawal, Washington University, and Charles E. Leiserson, MIT. Vijaya Ramachandran, University of Texas, Austin, holds a prominent position as senior associate editor of the newly formed editorial board. The current editorial board includes:

Guy E.	**Blelloch**	Carnegie Mellon University
Aydın	**Buluç**	Lawrence Berkeley National Laboratory
Aparna	**Chandramowlishwaran**	University of California, Irvine
Zhihui	**Du**	Tsinghua University
Antonio	**Gonzalez**	Polytechnic University of Catalonia
R.	**Govindarajan**	Indian Institute of Science
I-Ting (Angelina)	**Lee**	Washington University, St. Louis
Christian	**Lengauer**	University of Passau
Henning	**Meyerhenke**	Humboldt-Universität zu Berlin
Keshav	**Pingali**	University of Texas, Austin
Yves	**Robert**	ENS Lyon
Peter	**Sanders**	Karlsruhe Institute of Technology
Julian	**Shun**	MIT
Sivan	**Toledo**	Tel Aviv University
Jesper Larsson	**Träff**	Faculty of Informatics, TU Wien
Rich	**Vuduc**	Georgia Institute of Technology
Katherine	**Yelick**	University of California, Berkeley, and Lawrence Berkeley National Laboratory

Please allow me to share with you my current priorities for *ACM TOPC*.

Increase visibility and relevance: ACM is a hallmark of quality for technical publications. The value ACM brings to the international community is in its collection of the highest quality research that is relevant to academia, industry, and laboratories. However, in today's world where everyone can broadcast and publish, it may be more difficult for the ACM to remain visible as the authoritative brand for technical excellence. I plan to investigate new opportunities for *TOPC* to capture the best ideas and explore innovative ideas for partnerships with the leading parallel and distributed systems conferences in new mechanisms for publication. In addition, new topics are emerging that are relevant to the field of Parallel Computing, including heterogeneous and many-core computing, "Big Data," and applications ranging from Life Sciences to Machine Learning. I aim to work with the ACM community to ensure that *TOPC* remains relevant to these broad initiatives. Please feel free to reach out to me with your welcome ideas!

Improve timeliness of reviewing: Authors value the fast dissemination of high-quality research articles, which requires careful attention to the time from submission to first decision. As editor-in-chief, I encourage the editorial board to manage submissions with new vigor, and ask that our community also volunteer to provide timely reviews when requested. Together, we can reduce the reviewing time from months down to weeks for the first decision. Already, we've worked together to accelerate reviewing and clear a significant backlog of manuscripts in review. In addition, the timeliness of publishing is a key factor of quality measures such as journal impact factor, and our timeliness initiative may significantly increase our ranking.

Thank you for picking up this first issue of volume 6 of *ACM Transactions on Parallel Computing*. I encourage you to consider submitting your parallel computing manuscripts here and look forward to hearing your thoughts for these transactions.

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David A. Bader
Georgia Institute of Technology

Editor-in-Chief

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