Editorial

I was honored to begin my service in November as the Editor-in-Chief (EiC) of *Transactions on Algorithms (TALG)*. I would like to express my warmest appreciation to the previous EiC, Aravind Srinivasan, for his six years of leadership and for his guidance in the transition. I am thankful to Laura Lander, Reggie Chentes, and the staff at ACM and *TALG* for their work ensuring the smooth functioning of the journal and ongoing support and guidance. I am grateful to Robi Krauthgamer, the role-model EiC of *SIAM Journal on Computing (SICOMP)*, for advice and for setting and keeping up protocols that are helpful to all theoretical computer science. I would also like to acknowledge my employer, Google, for giving back and supporting the research community. Finally, I am indebted to our Editorial Board for their hard work and to our engaged community of reviewers and authors, upon which our journal's continued value and vitality critically depend.

Algorithms are at the heart of computing. They are designed with varied goals, ranging from efficiency to societal, and have diverse application areas. Research also pursues fundamental understanding of barriers and relations. One challenge is to expand the scope of *TALG* published articles to reflect this variety as the field continues to evolve while maintaining the high standards and the emphasis on mathematical rigor that are a hallmark of *TALG*. A second challenge is to encourage more authors to produce a journal version of their impactful work. The research community benefits from work that is polished and carefully reviewed, and this applies to recent results and retrospective articles.

As a step toward these two goals, the *TALG* board is introducing formal invitations of research articles. Invitations are issued by board members for work they find suitable. An invited submission will be reviewed with the same diligence as other *TALG* submissions and, if accepted, will be published with the distinction of an invited research article. Invitations notwithstanding, we look forward to welcoming the high-quality unsolicited submissions that *TALG* attracts, such as those appearing in the current issue.

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Editor-in-Chief

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