

Editors' Introduction

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This issue of SIGecom Exchanges contains a letter from the SIGecom executive committee, the job market candidate profiles for 2020, a survey, three research letters, a short note, and a puzzle.

The 2020 SIGecom Job Candidates Profiles are again compiled by Jason Hartline and Vasilis Gkatzelis. This great service for the community has become an annual tradition for the Exchanges.

The survey contributed by Yakov Babichenko summarizes recent progress on query complexity and communication complexity of Nash equilibria, correlated equilibria, and coarse correlated equilibria.

Marek Adamczyk and Michał Włodarczyk contributed a letter on their FOCS 18 paper on random order contention resolution schemes, with applications to Bayesian multi-parameter unit-demand mechanism design. Yaonan Jin, Pinyan Lu, Qi Qi, Zhihao Gavin Tang, and Tao Xiao contributed a letter on their STOC 19 paper on tight approximation ratio of anonymous pricing, which closes an open question in the pricing literature. Chenghao Guo, Zhiyi Huang, and Xinzhi Zhang contributed a letter on their STOC 19 paper on sample complexity of single-parameter revenue maximization, which in its turn closes open problems in sample complexity of auctions, with a novel technique using information theory.

The short note by Haris Aziz enumerates justifications for the assumption of normalized utility. Some justifications are better known in the community, while others considerably innovative.

Vincent Conitzer contributed a puzzle in honor of Tuomas Sandholm's 50th birthday. Vincent also graciously offered to be the judge of submitted solutions, the best of which is to be published in the next issue of the Exchanges. Happy birthday, Tuomas!

This issue is the last with Hu as a co-editor. Starting next issue, Inbal Talgam-Cohen, Assistant Professor at Technion, will join Matt as a co-editor. Hu would like to thank all contributors in the past three years and the community in general for their support and help. Felix Fischer, our long-time Information Director, is also passing the baton to Yannai Gonczarowski. Thank you very much, Felix, for maintaining the website and publishing the Exchanges over the many years!

We hope you, the reader, will enjoy this issue.

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