

Preface

This volume contains the papers presented at the 10th International Symposium on Algorithmic Game Theory (SAGT 2017), which was held on September 12–14, 2017, in L'Aquila, Italy.

This year, we received a record number of 66 submissions. Each submission was reviewed by at least three Program Committee members. After a careful reviewing process, the committee decided to accept 30 papers. The program also included three invited talks by distinguished researchers in Algorithmic Game Theory: Michal Feldman (Tel-Aviv University), Martin Hoefer (Goethe University), and Nicole Immorlica (Microsoft Research).

To accommodate the publishing traditions of different fields, the authors of accepted papers could request that only a one-page abstract of the paper appears in the proceedings. Among the 30 accepted papers, the authors of 4 papers opted to publish a one-page abstract. The accepted submissions cover various important aspects of algorithmic game theory, such as auctions, computational aspects of games, congestion games, network and opinion formation, mechanism design, incentives and regret minimization, and resource allocation. The best paper award, generously supported by Springer, has been shared between the papers *Tight Welfare Guarantees for Pure Nash Equilibria of the Uniform Price Auction* by Georgios Birmpas, Evangelos Markakis, Orestis Telelis and Artem Tsikiridis, and *Online Random Sampling for Budgeted Settings* by Alon Eden, Michal Feldman and Adi Vardi.

We would like to thank all authors who submitted their research work, the Program Committee members, and the external reviewers who assisted them, for their wonderful work. We are indebted to the Gran Sasso Science Institute of L'Aquila, Fondazione Cassa di Risparmio della Provincia dell'Aquila, the Department of Mathematics and Physics “Ennio De Giorgi” of the University of Salento, EATCS, and Springer for their generous support. We thank Anna Kramer and Alfred Hoffmann at Springer for helping with the proceedings. We are grateful for the use of the EasyChair paper management system.

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