

## SELECTED PUBLICATIONS

### A. Monographs, Book Chapters, Surveys

1. Tim Roughgarden and Inbal Talgam-Cohen. **Survey: Approximately Optimal Mechanism Design.** *Annual Review of Economics* 11, 355-381, 2019.
2. Inbal Talgam-Cohen. **Book Chapter: Prior-Independent Auctions.** *Beyond the Worst-Case Analysis of Algorithms*, Cambridge University Press, 2020.
3. \*Paul Dütting, Michal Feldman and Inbal Talgam-Cohen. *Algorithmic Contract Theory: A Survey.* **Monograph**, Now Publishers, 220 pages, 2025.
4. Nicole Immorlica and Inbal Talgam-Cohen. **Book Chapter: The Economics of Teaming up with AI.** AI Economy Institute, Wiley Inc., forthcoming 2026.

### B. Algorithmic Contract Design

5. \*Paul Dütting, Tim Roughgarden and Inbal Talgam-Cohen. **Simple versus Optimal Contracts.** *ACM Conference on Economics and Computation (EC)*, 2019.
6. Paul Dütting, Tim Roughgarden and Inbal Talgam-Cohen. **The Complexity of Contracts.** *ACM-SIAM Symposium on Discrete Algorithms (SODA)*, 2020.
  - **Journal version** in *SIAM Journal on Computing (SICOMP)* 50(1):211-254, 2021.
7. Tal Alon, Magdalen Dobson, Ariel Procaccia, Inbal Talgam-Cohen and Jamie Tucker-Foltz. **Multiagent Evaluation Mechanisms.** *AAAI Conf. on Artificial Intelligence (AAAI)*, 2020.
  - Selected for **oral presentation (top 5%)**.
8. Tal Alon, Ron Lavi, Elisheva Shamash and Inbal Talgam-Cohen. **Incomplete Information VCG Contracts for Common Agency.** *ACM Conference on Economics and Computation (EC)*, 2021.
  - **Journal version** in *Operations Research (OR)*, 72(1):288-299, 2024.
9. Tal Alon, Paul Dütting and Inbal Talgam-Cohen. **Contracts with Private Cost per Unit-of-Effort.** *ACM Conference on Economics and Computation (EC)*, 2021.
10. Tal Alon, Paul Dütting, Yingkai Li and Inbal Talgam-Cohen. **Bayesian Analysis of Linear Contracts.** *ACM Conference on Economics and Computation (EC)*, 2023.
11. Yakov Babichenko, Inbal Talgam-Cohen, Haifeng Xu and Konstantin Zabarnyi. **Information Design in the Principal-Agent Problem.** *ACM Conference on Economics and Computation (EC)*, 2024.
  - **Journal version** in *Games and Economic Behavior* 155:55-69, 2026.
12. Tal Alon, Matteo Castiglioni, Junjie Chen, Tomer Ezra, Yingkai Li and Inbal Talgam-Cohen. **Multi-Project Contracts.** *ACM Conference on Economics and Computation (EC)*, 2025.
13. Gil Aharoni, Martin Hoefer and Inbal Talgam-Cohen. **Welfare and Beyond in Multi-Agent Contracts.** *ACM Conference on Economics and Computation (EC)*, 2025.

### C. Algorithmic Information Design

14. Yakov Babichenko, Inbal Talgam-Cohen, Haifeng Xu and Konstantin Zabarnyi. **Regret-Minimizing Bayesian Persuasion.** *ACM Conference on Economics and Computation (EC)*, 2021.
  - **Journal version** in *Games and Economic Behavior* 136:226-348, 2022.
15. Yakov Babichenko, Inbal Talgam-Cohen and Konstantin Zabarnyi. **Bayesian Persuasion under Ex Ante and Ex Post Constraints.** *AAAI Conference on Artificial Intelligence (AAAI)*, 2021.
16. Yakov Babichenko, Inbal Talgam-Cohen, Haifeng Xu and Konstantin Zabarnyi. **Multi-Channel Bayesian Persuasion.** *Innovations in Theoretical Computer Science Conf. (ITCS)*, 2022.
17. Itai Arieli, Yakov Babichenko, Inbal Talgam-Cohen and Konstantin Zabarnyi. **Universally Robust Information Aggregation for Binary Decisions.** *ACM Conference on Economics and Computation (EC)*, 2023.
18. \*Yakov Babichenko, Inbal Talgam-Cohen, Haifeng Xu, Konstantin Zabarnyi. **Algorithmic Cheap Talk.** *ACM Conference on Economics and Computation (EC)*, 2024.

#### D. Incentives in Machine Learning and AI

19. Ganesh Ghalme, Vineet Nair, Itay Eilat, Inbal Talgam-Cohen and Nir Rosenfeld. **Strategic Classification in the Dark**. *International Conference on Machine Learning (ICML)*, 2021.
20. Vineet Nair, Ganesh Ghalme, Inbal Talgam-Cohen and Nir Rosenfeld. **Strategic Representation**. *International Conference on Machine Learning (ICML)*, 2022.
21. Eden Saig, Inbal Talgam-Cohen and Nir Rosenfeld. **Delegated Classification**. *Conference on Neural Information Processing Systems (NeurIPS)*, 2023.
  - Selected for **spotlight presentation**.
22. Tonghan Wang, Paul Dütting, Dmitry Ivanov, Inbal Talgam-Cohen and David Parkes. **Deep Contract Design via Discontinuous Piecewise Affine Neural Networks**. *Conference on Neural Information Processing Systems (NeurIPS)*, 2023.
23. Guru Guruganesh, Yoav Kolumbus, Jon Schneider, Inbal Talgam-Cohen, Manolis Vlatakis, Josh Wang and Matt Weinberg. **Contracting with a Learning Agent**. *Conference on Neural Information Processing Systems (NeurIPS)*, 2024.
24. \*Eden Saig, Ohad Einav and Inbal Talgam-Cohen. **Incentivizing Quality Text Generation via Statistical Contracts**. *Conference on Neural Information Processing Systems (NeurIPS)*, 2024.
  - Also selected for **oral presentation** as **Statistical Contracts for Inventivizing GenAI** at *Economics of Modern ML: Markets, Incentives, and Generative AI Workshop, AAAI Conference on Artificial Intelligence (AAAI)*, 2025.

#### E. Computer Science, Law and Policy

25. \*Oren Bar-Gill, Cass Sunstein and Inbal Talgam-Cohen. **Algorithmic Harm in Consumer Markets**. *Journal of Legal Analysis* 15(1):1-47, 2023.
  - Also selected for a **Highlights Beyond EC** presentation at *ACM Conference on Economics and Computation (EC)*, 2023, for “opening new horizons for research, making interesting connections between different scientific areas, and having significant impact on practice”.
  - Also selected for **oral presentation** at *ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO)*, 2023.

#### F. Beyond Worst-Case Analysis of Algorithms

26. Moshe Babaioff, Michal Feldman, Yannai Gonczarowski, Brendan Lucier and Inbal Talgam-Cohen. **Correlation-Robust Pricing for a Unit-Demand Buyer**. *ACM Conference on Economics and Computation (EC)*, 2020.
27. Nir Bachrach and Inbal Talgam-Cohen. **Distributional Robustness: From Pricing to Auctions**. *ACM Conference on Economics and Computation (EC)*, 2022.
28. Zohar Barak, Anupam Gupta and Inbal Talgam-Cohen. **MAC Advice for Facility Location Mechanism Design**. *Conference on Neural Information Processing Systems (NeurIPS)*, 2024.
29. Yakov Babichenko, Inbal Talgam-Cohen, Haifeng Xu and Konstantin Zabarnyi. **A Random Dictator is All You Need**. *American Economic Journal: Microeconomics* 17(1):66-96, 2025.

#### G. Algorithmic Mechanism Design

30. Avi Cohen, Michal Feldman, Divyarthi Mohan and Inbal Talgam-Cohen. **Interdependent Public Projects**. *Symposium on Discrete Algorithms (SODA)*, 2023.
31. Alon Eden, Michal Feldman, Inbal Talgam-Cohen and Ori Zviran. **PoA of Simple Auctions with Interdependent Values**. *AAAI Conference on Artificial Intelligence (AAAI)*, 2021.
32. Yotam Gafni, Xin Huang, Ron Lavi and Inbal Talgam-Cohen. **Unified Fair Allocation of Goods and Chores via Copies**. *ACM Transactions on Economics and Computation (TEAC)* 11(3-4):1-27, 2023.
33. Batya Berzack, Rotem Oshman and Inbal Talgam-Cohen. **Dynamic Rental Games with Stagewise Individual Rationality**. *ACM Conference on Economics and Computation (EC)*, 2025.