Sumit Goel

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Education

PhD in Social Science (with minor in Computer Science), *California Institute of Technology*, 2017-2023.

   Advisor: Federico Echenique

   Thesis title: Essays in mechanism design and contest theory

MS in Quantitative Economics, *Indian Statistical Institute (Delhi)*, 2015-2017.

   Supervisor: Arunava Sen

BTech in Computer Science, *Delhi Technological University*, 2011-2015.

Research

Working papers

An efficiency ordering of k-price auctions under complete information (with Jeffrey Zeidel).

TTC Domains (with Yuki Tamura).

The effect of competition in contests: A unifying approach (with Andrzej Baranski).

Multi-agent contract design with a budget (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of EC 2024*.

Publications

Optimal grading contests,
Ext. Abs. in *Proc. of EC 2023*,
Games and Economic Behavior, Volume 152, 2025.

Project selection with partially verifiable information (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of WINE 2022*,
Mathematical Social Sciences, Volume 132, 2024.

Stable allocations in discrete exchange economies (with Federico Echenique and SangMok Lee),
Journal of Economic Theory, Volume 222, 2024.

Optimal tie-breaking rules (with Amit Goyal),
Journal of Mathematical Economics, Volume 108, 2023.

Optimality of the coordinate-wise median mechanism for strategyproof facility location in two dimensions (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of SAGT 2022*,
Social Choice and Welfare, Volume 61, 2023.

Awards

Best paper award in Winter School at Delhi School of Economics, 2022.

PIMCO graduate fellowship in Data Science, 2020.

Graduate student fellowship at Caltech, 2017, 2020.

Class rank 1 in Master's programme at ISI Delhi, 2017.

Masters student fellowship at ISI Delhi, 2015-2017.

Conferences

2025: 14th Conference on Economic Design at University of Essex, 5th Durham Economic theory conference, 13th Oligo Workshop at University of Cambridge, Asian School in Economic Theory at NYUAD.

2024: 19th ACEGD at ISI Delhi, Winter school at DSE, Economics Conference at Ashoka University (invited), 35th Stony Brook International Conference on Game Theory, 10th Conference on Contests at University of Reading, Workshop on Bargaining, Markets, and Strategic Decision Making at NYUAD (invited), Liverpool Economic Theory seminar (virtual, invited).

2023: 18th ACEGD at ISI Delhi, Winter school at DSE, 24th ACM conference on Economics and Computation at King's College London, 3rd Durham Economic theory conference, 9th Conference on Contests at University of Reading.

2022: 17th ACEGD at ISI Delhi, Winter school at DSE, 15th SAGT at University of Essex, Asian School in Economic Theory at National University of Singapore, 8th Conference on Contests at University of Reading (virtual), 16th Meeting of SSCW at El Colegio de México (virtual), 21st SAET conference at The Australian National University (virtual, invited).

Teaching

Instructor at NYU Abu Dhabi: Intermediate Microeconomics (ECON-UH 2010 002)

Teaching Assistant at Caltech: Algorithmic Economics (Ec 149), Theory of Value (Ec 121a), Game Theory (Ec 172), Introduction to Finance (BEM 103), Introduction to Economics (Ec 11), Econometrics (Ec 122).

Instructor at Econschool: Mathematics for Economists.

Service

Referee: Mathematical Reviews, Economics Letters, Social Choice and Welfare, The Economic Journal, Journal of Economic Behavior and Organization, Mathematical Social Sciences, Theoretical Economics.

Program Committee: WINE 2024, WINE 2025, EAAMO 2024, EAAMO 2025.