

Curriculum Vitae

Personal Information

Name Madhuparna Karmokar
Date of Birth May 12, 1995
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Education

2020-present Senior Research Fellow in Quantitative Economics at Indian Statistical Institute, Kolkata
Supervisor: Dr. Souvik Roy
2018-2020 Junior Research Fellow in Quantitative Economics at Indian Statistical Institute, Kolkata
2016- 2018 MS(QE) from Indian Statistical Institute, Kolkata
Percentage: 84.15
2013-2016 B.Sc in Economics Major from Presidency University, Kolkata
CGPA (Major): 9.35
2012-2013 Class XII (CBSE) from Shree Bharati School, Kolkata
Percentage: 96.8
2010-2011 Class X (CBSE) from Shree Bharati School, Kolkata
CGPA: 10

Publications

1. "Necessary and sufficient conditions for pairwise majority decisions on path-connected domains", with Souvik Roy and Ton Storcken. *Theory and Decision*, 2021, 91(3), pp.313-336.
2. "On update monotone, continuous, and consistent collective evaluation rules", with Edurne Falcó, Souvik Roy and Ton Storcken. *Social Choice and Welfare*, 2020, 55(4), pp.759-776.
3. "A characterization of possibility domains under Pareto optimality and group strategy-proofness", with Souvik Roy and Ton Storcken. *Economics Letters*, 2019, 183, p. 108567

Completed work

1. "The structure of (local) ordinal Bayesian incentive compatible random rules", with Souvik Roy. (*Accepted in Economic Theory*)
2. "Strategy-proof random voting rules on weak domains" with Souvik Roy.

Work in Progress

1. "Social choice under ordinal Bayesian incentive compatibility", with Souvik Roy and Dipjyoti Majumdar.
2. "Only tops and strategy-proof choice functions with veto rights on top-connected domains", with Souvik Roy and Ton Storcken.
3. "Core and stable sets in many-to-one matching with myopic and farsighted agents.", with Souvik Roy.
4. "Decomposability of assignment functions on separable domains", with Debasis Mishra and Souvik Roy.
5. "The structure of strategy-proof rules on multi-dimensional lexicographic domains", with Souvik Roy and Arunava Sen.
6. "Domains for strategy-proof electing", with Souvik Roy and Ton Storcken.

7. "Characterization of monotonic and continuous choice functions on maximal shortest path domains", with Souvik Roy and Ton Storcken.

Conference Presentations

- 2020 Young Scholars' Competition of the GamesNet webinar series 2020 (November).
- 2019 Winter School 2019, Delhi School of Economics (December).
- 2019 International Conference on Game Theory and Networks, Dibrugarh University (September).
- 2018 The 14th Annual Conference in Economic Growth and Development, Indian Statistical Institute, Delhi (December).
- 2018 Winter School 2018, Delhi School of Economics (December).
- 2018 The 14th Meeting of the Society for Social Choice and Welfare, Seoul National University, South Korea (June).

Achievements and Awards

- 2020-present Senior Research Fellowship awarded by the Indian Statistical Institute.
- 2020 Awarded Gold Certificate at the GamesNet Young Scholar's Competition 2020 for the paper "The structure of (local) ordinal Bayesian incentive compatible random rules".
- 2018-2020 Junior Research Fellowship awarded by the Indian Statistical Institute.
- 2019 Best Poster Award at "International Conference on Game theory and Networks" for the poster "The Structure of Strategy-proof Rules on Multi-dimensional Lexicographic Domains".
- 2018 Awarded prize money in the form of books for good performance in the 4th semester of MS(QE).
- 2016-2018 Student Fellowship awarded by the Indian Statistical Institute
- 2017 Awarded prize money in the form of books for good performance in the 3rd semester of MS(QE).
- 2016 Awarded prize money in the form of books for good performance in the 1st semester of MS(QE).
- 2013 Awarded Certificate of Merit in Economics and Geography by CBSE for being among the top 0.1% of successful candidates.
- 2013 Awarded Mamraj Agarwal Rashtriya Puraskar - Certificate of Appreciation in recognition of marks obtained in All India Senior School Certificate Examination (AISSCE), 2013 held under CBSE.