# Naifeng Liu

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## Education

**University of Mannheim**  **Mannheim, Germany**
*Ph.D. student in Economics*  *2023.8–current*

**The Graduate Center, City University of New York**  **New York, NY, USA**
*M.Phil./Ph.D. in Computer Science*  *2018.8–2023.7*

**Princeton University**  **Princeton, NJ, USA**
*Visiting Ph.D. student*  *2020.8–2021.5, 2022.8–2023.5*

**University at Albany, State University of New York**  **Albany, NY, USA**
*M.S. in Computer Science*  *2015.8–2017.5*

**University of Shanghai for Science and Technology**  **Shanghai, China**
*B.E. in Computer Science*  *2010.9–2014.6*

## Research Outcomes

***(Unless shown in bold, authors are ordered alphabetically by convention in theory)***

Refereed Publications..............................................................................................

- Algorithms for the Unit-Cost Stochastic Score Classification Problem
  with Nathaniel Grammel, Lisa Hellerstein and Devorah Kletenik, *Algorithmica* 84 (10)

- Adaptivity Gaps for the Stochastic Boolean Function Evaluation Problem
  with Lisa Hellerstein, Devorah Kletenik and R. Teal Witter, *WAOA 2022*

- Advancing Hallmarks of Cancer Identification from Scientific Literature
  Carson Tao, **Naifeng Liu**, Murali Dandu, Yoann Randriamihaja, *AMIA 2022* Informatics Summit

Working papers..................................................................................................

- Two 6-approximation Algorithms for the Stochastic Score Classification Problem
  [arXiv](#) version available

- Can Self-Censorship in News Media be Detected Algorithmically? A Case Study in Latin America
  Rongrong Tao, Baojian Zhou, Feng Chen, **Naifeng Liu**, David Mares, Patrick Butler and Naren Ramakrishnan
  [arXiv](#) version available

Selected working projects.........................................................................................

- Media and Information in the Participation Game
  previous version presented in the 33rd Stony Brook International Conference on Game Theory

- Evaluation of Stochastic Symmetric Functions and Plurality Voting
  with Lisa Hellerstein and Kevin Schewior

- Division of Public Goods in Costly Voting Models

- Independent Uncertainty and Dynamic Matching

## Teaching Experience

○ **Brooklyn College**                                    **Brooklyn, NY, USA**
*Introduction to Computer Applications (as Instructor)*            2020.8–2023.5

○ **CUNY Graduate Center**                              **New York, NY, USA**
*Data Mining (as Teaching Assistant)*                    Fall 2020, Fall 2022

## Fellowships and Awards

○ Excellence Fellowship, Provosts University Fellowship, Science Fellowship (CUNY Graduate Center)
○ Outstanding Research Publication Award (Sumitovant Biopharma, Inc.)

## Talks

International Symposium on Artificial Intelligence and Mathematics; Stony Brook International Conference on Game Theory

## References

○ Devorah Kletenik
Associate Professor
CUNY Graduate Center/Brooklyn College
kletenik@sci.brooklyn.cuny.edu

○ Lisa Hellerstein
Professor
New York University, Tandon School of Engineering
lisa.hellerstein@nyu.edu

○ Rohit Parikh
Distinguished Professor
CUNY Graduate Center/Brooklyn College
rparikh@gc.cuny.edu