CE LI

Department of Economics, Boston University

270 Bay State Road, Boston, MA 02215   celi@bu.edu   https://celicc.github.io/

EDUCATION

Boston University *2019-2026*
Ph.D., Economics

Harvard University *2017-2019*
S.M., Health Data Science

Massachusetts Institute of Technology *2018*
Cross-registration, Department of Mathematics

Sun Yat-sen University *2013-2017*
B.Econ., Finance & Statistics

UC Berkeley *2015*
Exchange Student, Department of Statistics

RESEARCH INTERESTS

Microeconomic Theory, Information Design, Mechanism Design, Algorithmic Game Theory, Large Language Models, Human-AI Interactions

WORKING PAPERS

1. Ce Li and Tao Lin (2025): Learning to Design Information (Job Market Paper)

2. Ce Li and Tao Lin (2025): Information Design with Unknown Prior, under review at *Theoretical Economics*

   - Conference version accepted at *16th Innovations in Theoretical Computer Science Conference (ITCS'25)*

3. Ce Li, Qianfan Zhang, and Weiqiang Zheng (2024): From Best Responses to Learning: Investment Efficiency in Dynamic Environment

4. Ce Li (2024): Investment Incentives with Limited Cognition

PUBLICATIONS

1. Tao Lin and Ce Li (2025): "Information Design with Unknown Prior (Extended Abstract)." In: *16th Innovations in Theoretical Computer Science Conference, ITCS 2025, January 7-10, 2025, Columbia University, New York, NY, USA.* Ed. by Raghu Meka. Vol. 325. LIPIcs. Schloss Dagstuhl - Leibniz-Zentrum fur Informatik, 2025, 72:1–72:1. doi: 10.4230/LIPICS.ITCS.2025.72.

2. Ce Li, Xueqin Wang, Haizhu Tan, and Canhong Wen (2018): "Association of Degree of Loss Aversion and Grey Matter Volume in Superior Frontal Gyrus and Insula by Voxel-based Morphometry," *Brain Imaging and Behavior*, Feb; 14(1): 89-99, DOI: 10.1007/s11682-018-9962-5.

WORKS IN PROGRESS

1. Principal–Agent LLM Alignment
   with Lingkai Kong, Tao Lin, Milind Tambe, and Haichuan Wang.

2. Repeated Blackwell Experiments
   with Tao Lin and Qianfan Zhang.

TALKS

2025: North American Winter Meeting of the Econometric Society, Boston University (Algorithms & Theory Seminar at Theoretical Computer Science group), Harvard University (EconCS Seminar), Stony Brook International Conference on Game Theory, World Congress of the Econometric Society, Shanghai University of Finance and Economics (Institute of Theoretical Computer Science), Fudan University (School of Data Science), Conference on Information Systems and Technology, INFORMS

2024: Stony Brook International Conference on Game Theory, 2024 ESIF Economics and AI+ML Meeting, World Congress of the Game Theory Society

2023: Stony Brook International Conference on Game Theory

2019: Harvard & MIT Air, Climate & Energy Center Science Advisory Committee Meeting

AWARDS AND FELLOWSHIPS

Chinese Government Award for Outstanding Self-financed Students Abroad
Graduate Student Organization Travel Grant, Graduate School of Arts and Sciences, Boston University
Student Travel Grant, Department of Economics, Boston University
Dean's Fellowship, Boston University
(China) National Scholarship
Honorable Mentions in The Mathematical Contest in Modeling
The 2nd Prize in China Mathematical Contest in Modeling
Top 20 in Asia-Pacific Economic Cooperation Youth Delegates Selection
The 1st Prize in Outstanding Student Scholarship, Sun Yat-sen University

TEACHING

Graduate: Game Theory, Economics of Information, Market Structure & Economic Performance

Undergraduate: Microeconomics, Empirical Economic Analysis

LEADERSHIP AND MENTORSHIP

Founder & Organizer, *ACM Economics and Computation Workshop: Information Economics × Large Language Models*   *EC 2025*

Mentoring Ruofan Bie, PhD in Biostatistics at Brown University   *2018-2019*

SERVICES

Program Committee: *WINE'25*

Reviewer: *Economic Theory Bulletin, Scientific Reports*

AI Ethics Reviewer: *NeurIPS 2023, 2024, 2025*

RESEARCH ASSISTANT

Harvard Clean Air Research Center   *2018 - 2020*
AI Research Scientist

1. Ce Li *et al.* (2019): Spatial-temporal Modeling of Ambient PM 2.5 Elemental Concentrations in Eastern Massachusetts.

2. Ce Li *et al.* (2019): Spatial Multi-resolution Analysis of PM 2.5 and Mortality in New England.

Accepted at *2019 Harvard & MIT Air, Climate & Energy Center Science Advisory Committee Meeting*

Southern China Center for Statistical Science   *2016*
Data Scientist

1. Ce Li *et al.*: Association of Degree of Loss Aversion and Grey Matter Volume in Superior Frontal Gyrus and Insula by Voxel-based Morphometry

SKILLS

Programming & Database	C++, C#, Python, R, Matlab, MySQL
Operating System	UNIX

PERSONAL

Languages	English (fluent), Chinese (native)

Last updated: October 24, 2025