Chenping Yang

Application to "Graduate Student Workshop on Heterogeneous-Agent Macroeconomics"

Contact Information

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Reference

Eduardo Dávila
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Chenping Yang

Fields of Concentration:

Macroeconomics, Monetary Economics

Macroeconomics PhD Courses Completed:

Fall 2022: Macro Finance (Audit)
2021-22: Advanced Macroeconomics I and II
2020-21: General Economics Theory: Macroeconomics I and II

Comprehensive Examinations Completed:

2022 (Oral): Macroeconomics, International Economics
2021 (Written): Microeconomics, Macroeconomics

Education:

Ph.D., Economics, Yale University, 2026 (expected)
M.A., Economics, Yale University, 2022
MSc., Econometrics and Mathematical Economics, London School of Economics, 2019
B.A., Economics, Renmin University of China, 2018

Teaching Experience:

Spring 2023, Intermediate Macroeconomics (UG), teaching fellow for Professor Ilse Lindenlaub
Fall 2022, Financial Economics (UG), teaching fellow for Professor Eduardo Dávila

Honors, Scholarships, and Fellowships:

Cowles Foundation Fellowship, Yale University, 2020-2023
Yale Graduate Fellowship, Yale University, 2020-2023

Work in Progress:

"Optimal Monetary Policy Rule under Incomplete Information"

Languages:

Chinese (native), English

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Statement of Interest

I am a third-year PhD student in economics at Yale University. My research interests are centered in macroeconomics, especially in understanding the role of bounded rationality and heterogeneity in affecting economic outcomes, policy implications, and optimal policy design. With an interest in the interaction between heterogeneous-agent and behavioral macro, I believe that I would benefit enormously from attending the Graduate Student Workshop on Heterogeneous-Agent Macroeconomics.

My current working project investigates optimal monetary policy rules under heterogeneity of agents' expectations. It is motivated by survey evidence suggesting that households, professional forecasters, and the central bank might have different beliefs about the shocks hitting the economy or the economic structure. I am exploring how different forms of interest rate rules could influence the strategic interactions among private sectors and welfare. Starting from a New Keynesian economy with incomplete information among firms, I show that the optimal Taylor rule is less responsive to inflation relative to the canonical model, to mitigate welfare loss from additional price dispersion and to stabilize output gaps due to the lack of common knowledge friction.

Incorporating deviations from full information rational expectations into heterogeneous-agent macro models to gauge their implications is an area that interests me. Multiple forms of such deviations could generate similar general equilibrium attenuation, but they are also different in several dimensions. I hope to explore how we can better choose between different behavioral deviations from testable implications and empirical evidence. Hence attending this workshop would be tremendously helpful for my research.

The workshop is a precious opportunity for me to be better equipped with both a deep understanding of the literature on HA macroeconomics and state-of-the-art methods for solving and estimating HA models. It is invaluable to gain hand-on experience on using the efficient toolbox and to understand the logic behind with the guidance of leading experts. I believe that the lectures and tutorials will greatly help me learn the knowledge and tools to work on my research effectively. What's more, it is also an exciting opportunity to meet and interact with scholars and peers from other institutions. Therefore, I hope I could have the opportunity to join this workshop.