



2nd International Workshop on Economic Complexity and Macroeconomic Dynamics

September 18th – 19th, 2025

Venue:

University of Bamberg

An der Universität 5, Room U5/01.22

96047 Bamberg

Keynote Speaker

Vasco Carvalho

University of Cambridge

Scientific Committee

Simone Alfarano (UJI)

Pablo Astudillo (USFQ)

Mishael Milakovic (Bamberg)

Christian R. Proaño (Bamberg)

Pedro Romero (USFQ)

Frank Westerhoff (Bamberg)

Local Organizing Committee

Naira Kotb

Jonas Dix

Sarah Mignot

Juhi Vadhwani



Gefördert durch die



Mitbestimmung · Forschung · Stipendien

Conference Program

Thursday, September 18th

08:30 – 09:20 Registration

09:25 – 09:30 Welcoming Remarks

09:30 – 11:00 Session 1 – International Trade, Tariffs and Complexity

The Macroeconomic Effect of Tariffs: Insights from a Multi-Country Agent-Based Model (C. Colon, IIASA Vienna)

Behind the International Trade Network: The Role of Heterogeneity and Financial Frictions (Giorgio Ricchiuti, University of Florence)

Order, Chaos, and Work in Natural, Economic and Social Systems (Jürgen Mimkes, Paderborn University)

11:00 – 11:30 **Coffee Break (An der Universität 2, Room U2/00.26)**

11:30 – 12:30 Session 2 – Technological Progress and Productivity

Trend and buybacks. A Model of Behavioral Price Expectations with Endogenous Firm Productivity (Tomasz Makarewicz, Bielefeld University)

Statistical Equilibrium and the Propagation of Price Shocks in Firm Networks (Jan Weber, University of Duisburg-Essen)

12:30 – 14:00 **Lunch / Poster Session (An der Universität 2, Room U2/00.26)**

Algorithmic Collusion under Platform Rules: Evaluating Recent Developments of Deep Q-Networks (Robin Erdem, Bielefeld University)

Systemic Assessment of Ecosystem Condition Using Network Models: Implications for Climate Policies (Oleksandr Galychyn)

Monetary Policy Transmission in the Euro Area: Is this Time Different? (Andrejs Zlobins, Bank of Latvia)

14:00 – 15:30 Session 3 – Behavioral Expectations and Macroeconomic Dynamics

Wealth, Costs and Misperception: An Empirical Estimation of Interaction Channels (Jiri Kukacka, Charles University Prag)

A Stock Market Model with Chartists, Fundamentalists and Index Traders: Nonlinearities and Coexisting Attractors (Sarah Mignot, University of Bamberg)

FX-constrained Growth: Fundamentalists, Chartists and the Dynamic Trade Multiplier (Marwil Dávila-Fernández, Colorado State University)

17:00 – 18:30 **Guided City Tour (Meeting Point: Gabelmann, Grüner Markt, 96047 Bamberg)**

18:45 – **Drinks at Schlenkerla (Dominikanerstraße 6, 96049 Bamberg)**

Friday, September 19th

10:00 – 11:00 **Session 4 – Network Models**

Indirect Economic Costs of Disasters: A Multimodel Intercomparison, from CGE to ABM (C. Colon, IIASA Vienna)

Cascading Transformation: Estimating the Effects of Green Government Spending through Production Networks (Jan-Erik Thie, University of Potsdam)

11:00 – 11:30 **Coffee Break**

11:30 – 13:00 **Session 5 – Monetary Policy and Financial Markets**

Wholesale CBDCs, Reserve Currency Transition and Systemic Risk: An Agent Based Approach (Carla Coburger, University of Oxford)

Modelling Shadow Economy Dynamics: A Gas Particle Approach to Informal Currency Markets (Jose Luis de la Oliva, Universidad de la Habana)

The Ripple Effect of U.S. Monetary Policy on Social Unrest and Conflict (Pedro Romero, USFQ)

13:00 – 14:30 **Lunch (An der Universität 2, Room U2/00.26)**

14:30 – 16:00 **Session 6 – Macroeconomic Fluctuations**

A Minimal Macroeconomic Model of Business Fluctuations (Simone Alfarano, Universitat Jaume I)

The Goodwin Cycle Revisited: Impacts of Labor Market Segmentation on Growth and Distribution (Corrado Di Guilmi, University of Florence)

Competition and the Self-Organization of Profit Rates (Ellis Scharfenaker, University of Utah)

16:15 – 17:45 **Keynote Lecture by Vasco Carvalho, University of Cambridge**

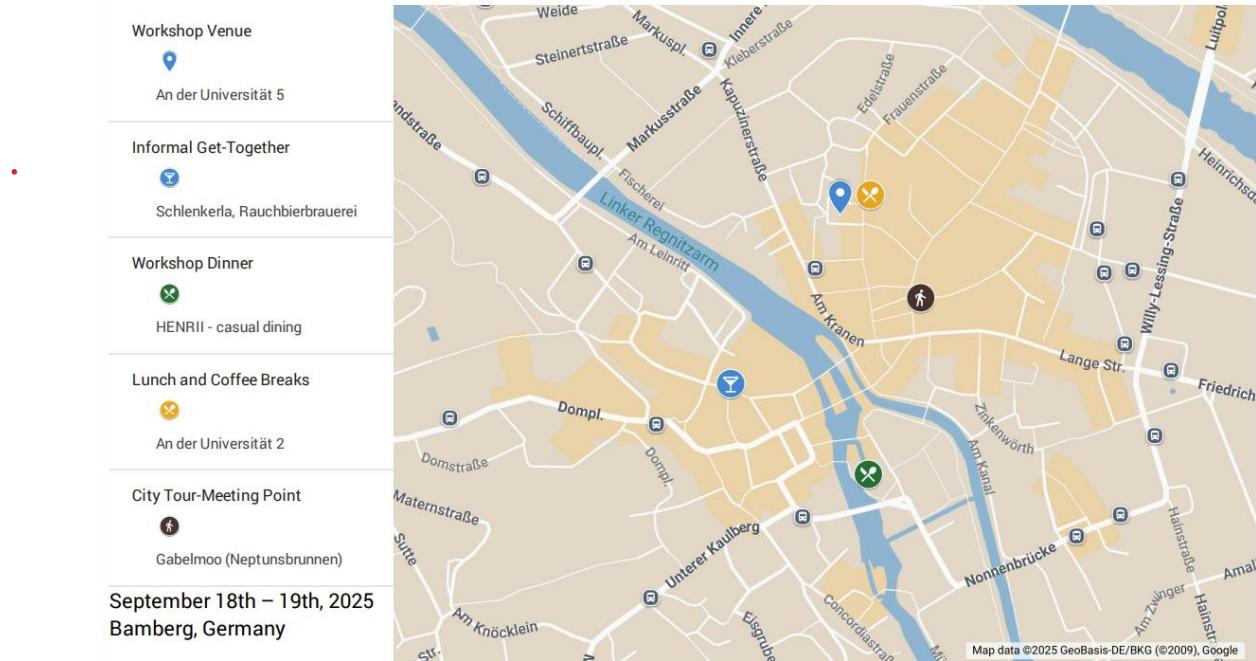
17:45 – 18:00 **Closing Remarks**

20:00 – **Conference Dinner at HenrII (Untere Mühlbrücke 5, 96047 Bamberg)**

Map:

<https://www.google.com/maps/d/edit?mid=1CewdjTD5VBvfGnasxJ0lDDadsuxlrMo&usp=sharing>

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Notes:

- **For oral presenters:** Please prepare a 20–25 minute presentation, allowing 5–10 minutes for discussion.
- **For poster presenters:** Please submit your posters as early as possible, preferably during registration, so we can prepare them for the poster session. If you wish, you may also present your poster during Friday's lunch for additional display and discussion.
- **For virtual presenters:** Please use the following Zoom link:
<https://uni-bamberg.zoom-x.de/j/61084815219>
Meeting-ID: 610 8481 5219
- **Concerning the guided city tour:** please arrive at the meeting point 10 minutes early so that we can begin on time.