Tomasz Aleksander Makarewicz

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Current Position

2017–	**Postdoctoral fellow:** Department of Economics, Otto-Friedrich University of Bamberg

Previous Positions

2014–2017	**Postdoctoral researcher:** Center for Nonlinear Dynamics in Economics and Finance, University of Amsterdam, Netherlands: Macfinrobods project (FP7 grant).
2011-2014	**PhD student:** Center for Nonlinear Dynamics in Economics and Finance, University of Amsterdam, Netherlands: NWO (Dutch Science Foundation) Project No. 40611142 "Learning to Forecast with Evolutionary Models."

References

- **Dr. Mikhail Anufriev**: Economics Discipline Group, University of Technology, Sydney. PO Box 123, Broadway NSW 2007, Sydney, Australia. *Email: Mikhail.Anufriev@uts.edu.au*
- **Prof. Jasmina Arifovic**: Department of Economics, Simon Fraser University, Burnaby, BC V5A 1S6, Canada. *Email: Arifovic@sfu.ca*
- **Prof. Dr. Cees Diks**: CeNDEF University of Amsterdam, Roetersstraat 11 1018 WB Amsterdam, Netherlands. *Email: C.G.H.Diks@uva.nl*
- **Prof. Dr. Cars Hommes**: CeNDEF University of Amsterdam, Roetersstraat 11 1018 WB Amsterdam, Netherlands. *Email: C.H.Hommes@uva.nl*

Research Interests

macroeconomics, financial markets, bounded rationality, learning, heterogeneous expectations, heterogeneous agent modeling, experimental economics, econometrics for experiments

Education

2011–2014	**PhD in Economics:** *Learning to Forecast: Genetic Algorithms and Experiments* Under supervision of prof. Cars Hommes, Tinbergen Institute and University of Amsterdam, Netherlands.
2009–2011	**MSc in Economics**, Tinbergen Institute, Netherlands.
2004–2009	**MA in Philosophy**, Warsaw University, Poland.
2007–2008	**MA in Economics**, Central European University, Hungary.
2006–2008	**MA in International Economics**, Warsaw University, Poland.
2003–2006	**BSc in Economics**, Warsaw University, Poland.

Publications

1. Anufriev, M., Hommes, C., and Makarewicz, T. (2018). Simple forecasting heuristics that make us smart: Evidence from different market experiments. *Journal of European Economic Association*, in press

2. Bao, T., Hommes, C., and Makarewicz, T. (2017). Bubble formation and (in) efficient markets in learning-to-forecast and optimise experiments. *The Economic Journal*, 127(605):F581–F609

3. Hommes, C., Makarewicz, T., Massaro, D., and Smits, T. (2017). Genetic algorithm learning in a new keynesian macroeconomic setup. *Journal of Evolutionary Economics*, 27(5):1133–1155

4. Makarewicz, T. (2017). Contrarian behavior, information networks and heterogeneous expectations in an asset pricing model. *Computational Economics*, 50(2):231–279

5. Diks, C. and Makarewicz, T. (2013). Initial predictions in learning-to-forecast experiment. In *Managing Market Complexity*, volume 662 of *Lecture Notes in Economics and Mathematical Systems*, pages 223–235. Springer Berlin Heidelberg. 10.1007/978-3-642-31301-1_18

Working papers

1. Makarewicz, T. (2019). Traders, forecasters and financial instability. a model of individual learning of anchor-and-adjustment heuristics. BERG Working Paper 141, University of Bamberg

2. Hommes, C. and Makarewicz, T. (2018). Price level versus inflation targeting under heterogeneous expectations: A laboratory experiment. CeNDEF Working paper 18-04 University of Amsterdam

Conference Presentations

2018	**1st Behavioral Macroeconomics Workshop**, Bamberg, Germany **Computing in Economics and Finance 2018**, Milan, Italy

	NBER Summer Institute 2018, Behavioral Macro Workshop, Boston, USA (presented by coauthor)
	BEAM-ABEE Workshop 2018, Amsterdam, the Netherlands
	10 Jahre nach der Weltfinanzkrise: New Economic Thinking Workshop, Hamburg, Germany
	Realität und Wahrnehmung von Finanzmärkten in der Gegenwart, Bamberg, Germany
2017	**10th Workshop on Complex Evolving System Approach in Economics**, Nice, France
	WEHIA 2017, Milan, Italy
	6th NBP Summer Workshop, Warsaw, Poland
2016	**MACFINROBODS workshop autumn 2016**, Como, Italy
	Computing in Economics and Finance 2016, Bordeaux, France
	WEHIA 2016, Castellón de la Plana, Spain
	MACFINROBODS workshop spring 2016, Brussels, Belgium
	IMEBESS 2016, Rome, Italy
2015	**The 30th Annual Congress of the European Economic Association**, Mannheim, Germany
	WEHIA 2015, Nice, France
	IMEBESS 2015, Toulouse, France
2014	**Nederlandse Economendag 2014**, Amsterdam, Netherlands
	Warsaw International Economic Meeting 2014, Warsaw, Poland
	Computing in Economics and Finance 2014, Oslo, Norway
2013	**Computing in Economics and Finance 2013**, Vancouver, Canada
	Summer School of Econometric Society, Seoul, Republic of Korea
	Quantitative Economics Doctorate Meeting 2013, Vienna, Austria
2012	**Artificial Economics 2012**, Castellón de la Plana, Spain
	Computing in Economics and Finance 2012, Prague, Czech Republic

Awards

2011-14	**NWO Research Talent**: scholarship from Dutch Scientific Organization
2009-11	Tinbergen Institute scholarship
2007-08	Central European Exchange Program for University Studies scholarship

Membership

1. *Society for Computational Economics*

Referee experience

Journal of Economic Dynamics and Control, *Computational Economics*, *Journal of Economic Behavior and Organization*

Teaching Experience

Lecturer/Coordinator

Theses	5 master, 12 bachelor (UvA, 2014-17)
Master	**Game Theory** (UvA, 2014-16), **Behavioral and Experimental Economics** (UB, 2017), **Disequilibrium and Behavioral Macroeconomics** (UB, 2018), **Macroeconometric Analysis** (UB, 2018)

Teaching assistance

Theses	1 master, 3 bachelor (UvA, 2013)
Graduate	**Macroeconomics II (Macroeconomic Policy)** (TI, 2011)
Master	**Bounded Rationality** (UvA, 2011), **General Equilibrium Theory** (UvA, 2012-15), **Macroeconometric Analysis** (UB, 2017)
Bachelor	**Applied Econometrics** (UvA, 2011), **Wiskundige Economie 1** (UvA, 2012-13), **Econometrics** (UvA, 2013, 2015), **Management Research Methods 1** (UvA, 2013-14), **Econometrie I** (UvA, 2014)

Languages

Polish	Native speaker
English	Fluent
German	Advanced

Programming Languages and Software

Fluent	C++, Ox, Python, LaTeX, GNUPlot, GraphViz
Basic	MATLAB, MS Office, HTML

Updated: February 18, 2019