

# Pantelis Karapanagiotis

ASSISTANT PROFESSOR

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“An apologetic Economist”

## Current Affiliations

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### EBS University (Group of Economics and Philosophy)

ASSISTANT PROFESSOR

- Tenure track appointment

Wiesbaden, Germany

Jul 2021 .. present

### Leibniz Institute for Financial Research SAFE

RESEARCH AFFILIATE

Frankfurt am Main, Germany

Jun 2021 .. present

## Working Papers

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### Rational Inattention Dynamics in Stochastic Games: Coordination and Conditioning

Working Paper

### The R Package diseq: Estimation Methods for Markets in Equilibrium and Disequilibrium

Working Paper

### The Assessment of Market-Clearing as a Model Selection Problem

Working Paper

- Lightning Talk.

### Small and Vulnerable? Financial Constraints during Economic Crises

WITH DAVID HELLER AND ØIVIND A. NILSEN

Working Paper

### Dynamic Choice with Volitional Attention: Experience and Endogenous Narrow Framing

Working Paper

## Publications and Proceedings

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### An Extensible Model for Historical Financial Data with an Application to German Company and Stock Market Data

WITH DENNIS GRAM, JAN KRZYZANOWSKI, MARIUS LIEBALD, AND UWE WALZ

ICTeSSH 2021 Proceedings

Jul 20th, 2021

## Technical Reports

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### Updated Technical Document on the Preliminary Data Model

WITH LUKAS MANUEL RANFT, JEFFERSON BRASWELL, AND WOLFGANG KÖNIG

EurHisFirm deliverable D5.4

Apr 28th, 2021

### Technical Document on Preliminary Common Data Model

EurHisFirm deliverable D5.2

Feb 25th, 2020

## Previous Affiliations

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### Goethe University (Department of Management and Microeconomics)

RESEARCH ASSISTANT

- Participation in the EurHisFirm project on behalf of SAFE's data center.
- Member of EurHisFirm's Working Group for Identification and Standards.

Frankfurt am Main, Germany

Nov 2016.. Apr 2021

### EBS University of Business and Law

PART-TIME LECTURER

Wiesbaden, Germany

Aug.. Dec 2018 & Nov.. Dec 2019

### Institute of International Economic Relations

STUDENT ASSISTANT

- Project: Bilateral trade between Greece, Israel and Palestine.

Athens, Greece

Mar.. Jul 2006

## Research Visits

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### Paris School of Economics

RESEARCH VISITOR

- EurHisFirm infrastructure collaboration; invited by Angelo Riva.

Feb.. Apr 2020

## Conference Presentations

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### European Association for Research in Industrial Economics Conference

DYNAMIC CHOICE WITH VOLITIONAL ATTENTION: EXPERIENCE AND ENDOGENOUS NARROW FRAMING

Bergen / Virtual

Aug 27th.. 28th, 2021

### European Economic Association - Econometric Society European Meeting

DYNAMIC CHOICE WITH VOLITIONAL ATTENTION: EXPERIENCE AND ENDOGENOUS NARROW FRAMING

Copenhagen / Virtual

Aug 23rd.. 27th, 2021

### The 11th RCEA Money Macro & Finance Conference

by The Rimini Centre for Economic Analysis

SMALL AND VULNERABLE? FINANCIAL CONSTRAINTS DURING ECONOMIC CRISES

Rimini / Virtual

Jul 27th.. 28th, 2021

### useR! The R Conference

THE R PACKAGE DISEQ: ESTIMATION METHODS FOR MARKETS IN EQUILIBRIUM AND DISEQUILIBRIUM

Virtual

Jul 5th.. 9th, 2021

### International Conference on ICT enhanced Social Sciences and Humanities

AN EXTENSIBLE MODEL FOR HISTORICAL FINANCIAL DATA WITH AN APPLICATION TO GERMAN COMPANY AND STOCK MARKET DATA

Virtual

Jun 28th.. 30th, 2021

### Warsaw 16th International Economic Meeting

THE ASSESSMENT OF MARKET-CLEARING AS A MODEL SELECTION PROBLEM

Warsaw / Virtual

Jun 24th.. 25th, 2021

### International Association for Research in Economic Psychology - Society for the Advancement of Behavioral Economics Conference

RATIONAL INATTENTION DYNAMICS IN STOCHASTIC GAMES: COORDINATION AND CONDITIONING

Virtual

Jun 10th.. 13th, 2021

### International Association for Research in Economic Psychology - Society for the Advancement of Behavioral Economics Conference

DYNAMIC CHOICE WITH VOLITIONAL ATTENTION: EXPERIENCE AND ENDOGENOUS NARROW FRAMING

Virtual

Jun 10th.. 13th, 2021

**Modelling with Big Data & Machine Learning: Measuring Economic Instability  
by Bank of England, Federal Reserve Board, and King's College London**

*Virtual*

INVISIBLE MARKET FORCES WITH OBSERVABLE EFFECTS

*Nov 4th .. 6th, 2020*

**Verein für Socialpolitik Annual Conference**

SMALL AND VULNERABLE? FINANCIAL CONSTRAINTS DURING THE FINANCIAL CRISIS

presented by Øivind Nilsen

*Cologne / Virtual*

*Sep 27th .. 30th, 2020*

**Goethe University's Microeconomics and Management Colloquium**

MODEL SELECTION, ESTIMATION, AND MARGINAL EFFECTS FOR MARKETS IN EQUILIBRIUM AND DISEQUILIBRIUM

*Kleinwalsertal, Austria*

*Feb 13th .. 16th, 2020*

**Goethe University's Microeconomics and Management Colloquium**

COSTLY CONSIDERATION AND DYNAMIC CHOICE SET FORMATION

*Kleinwalsertal, Austria*

*Feb 8th .. 11th, 2018*

## Seminar and Workshop Presentations

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**Fourth ERMEES Macroeconomics Workshop**

by University of Strasbourg, BETA research laboratory, and ERMEES research team

SMALL AND VULNERABLE? FINANCIAL CONSTRAINTS DURING ECONOMIC CRISES

*Strasbourg*

*Dec 3rd, 2021 (forth.)*

**EBS Economics and Philosophy Seminar**

RATIONAL INATTENTION DYNAMICS IN STOCHASTIC GAMES: COORDINATION AND CONDITIONING

*Wiesbaden, Germany*

*Jun 1st, 2021*

**SAFE Brown Bag Seminar**

SMALL AND VULNERABLE? FINANCIAL CONSTRAINTS DURING THE FINANCIAL CRISIS

*Frankfurt am Main, Germany*

*Nov 25th, 2020*

**SAFE Brown Bag Seminar**

INVISIBLE MARKET FORCES WITH OBSERVABLE EFFECTS

*Frankfurt am Main, Germany*

*Oct 28th, 2020*

**Management and Microeconomics Brown Bag Seminar**

DYNAMIC CHOICE WITH VOLITIONAL ATTENTION

*Frankfurt am Main, Germany*

*Jul 9th, 2020*

**Joint Macro-Finance Seminar**

by Goethe University Frankfurt and Johannes Gutenberg University of Mainz

COSTLY CONSIDERATION AND DYNAMIC CHOICE SET FORMATION

*Riezlern, Austria*

*Jan 28th .. Feb 1st, 2018*

## Teaching

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**EBS University**

*Wiesbaden, Germany*

TEACHING

- Managerial Economics Part II (Incentive Theory), Master course, Fall Term 2021 (Forthcoming)
- Economics of the Market, Bachelor course, Fall Term 2021 (Forthcoming)

TUTORIALS

- Managerial Economics Part II (Incentive Theory), Master course, Fall Term 2019
- Managerial Economics Part I (Game Theory), Master course, Fall Term 2018
- Managerial Economics Part II (Incentive Theory), Master course, Fall Term 2018

**Goethe University**

*Frankfurt am Main, Germany*

TEACHING

- Real Analysis, Ph.D. pre-semester course, Winter Semester 2017-18.

TUTORIALS

- Management of Business Processes, Master course, Summer Semester 2020
- Advanced Microeconomics I Part II (General equilibrium), Ph.D. course, Winter Semester 2018-19
- Advanced Microeconomics II Part II (Game theory), Ph.D. course, Summer Semester 2018
- Advanced Microeconomics II Part I (Game theory), Ph.D. course, Summer Semester 2017
- Competition Economics, Master course, Summer Semester 2017

## Education

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### Graduate School of Economics Finance and Management

Frankfurt am Main, Germany

PH.D. IN ECONOMICS

Oct 2015 .. Dec 2020

- Thesis: Essays in Behavioral Industrial Organization and Finance.
- Advisers: Uwe Walz and Matthias Blonski.

### Graduate School of Economics Finance and Management

Frankfurt am Main, Germany

M.SC. IN QUANTITATIVE ECONOMICS

Oct 2015 .. Mar 2019

- Thesis: Asset pricing with overlapping generations.

### National and Kapodistrian University of Athens - Department of Mathematics

Athens, Greece

DEGREE IN MATHEMATICS

Mar 2011 .. Nov 2014

- Traineeship: Editing **notes on differential geometry**.
- Scholarship: Exchange year at **Ludwig Maximilians University Munich - Department of Mathematics**.

### Athens University of Economics and Business - Department of Economics

Athens, Greece

M.SC. IN ECONOMIC THEORY

Sep 2006 .. Jan 2008

- Thesis: Discrete state space estimation.

### Athens University of Economics and Business - Department of International and European Economic Studies

Athens, Greece

DEGREE IN INTERNATIONAL ECONOMICS

Sep 2002 .. Sep 2006

- Thesis: Behavior of participants in London's stock exchange using microstructure data.
- Traineeship: Assisting in research on bilateral trade between Greece, Israel and Palestine.

## Professional Experience

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### Sole Proprietorship

Athens, Greece

SOFTWARE ENGINEERING, FINANCIAL REPORTING

May 2010 .. Jun 2013

- Design and development of database-driven financial and reporting services for small private and official sector organizations.
- Developed business management software (Resolution), accounting, clientele and supplier databases.

### Communication Center of 13th Special Operation Administration

Athens, Greece

CRYPTOGRAPHIC COMMUNICATION DEPARTMENT (COMPULSORY MILITARY SERVICE)

Aug 2009 .. May 2010

- Administrative support.

### Relational

Athens, Greece

BUSINESS INTELLIGENCE ENGINEERING

Jul 2008 .. Sep 2008

- Internship: Storage, management and exploitation of relational databases. Financial reporting.

## Software

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### Estimation Methods for Markets in Equilibrium and Disequilibrium

Statistical R package

DISEQ

Nov 2018 .. present

- Written in R. Distributed by CRAN. Estimation methods for markets in equilibrium and disequilibrium.

### Radial Attention Model

Cross platform research software

RAD

Mar 2017 .. present

- Written in C and Python. Supplementary software of Dynamic Choice with Volitional Attention.

### Business Management Software

Windows desktop app

RESOLUTION

May 2010 .. Jun 2013

- Written in C, C++, cli and mysql. Sole proprietorship software. Budget and accounting management.

## Skills

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**Languages** Greek (native), English (fluent), German (conversational)  
**Programming** Experienced: C/C++. Working Knowledge: Emacs Lisp, java  
**Scripting** Experienced: python, matlab/octave, R. Beginner: Stata  
**Typesetting** Experienced:  $\TeX$ , tikz/pgf  
**Web** Working Knowledge: php, javascript  
**Databases** Experienced: mysql, postgresql, sqlite. Working Knowledge: oracle sql, sqlserver  
**API & Libs** Experienced: open-mpi, mysql C API, libpq (postgresql C API), pthreads, drupal 9. Beginner: gtk+