

# Alexandros Gelastopoulos

Department of Social and Behavioral Sciences, Toulouse School of Economics  
Université Toulouse Capitole 1, esplanade de l'Université  
31080 Toulouse Cedex 06 - France

Nationality: Greek  
Email: [alexandros.gelastopoulos@iast.fr](mailto:alexandros.gelastopoulos@iast.fr)  
Website: <https://alexgelas.com>

## Current positions

*IAST Research Fellow* at Department of Social and Behavior Sciences, Toulouse School of Economics.  
Started: September 2024

*Affiliated Researcher* at Department of Business & Management, University of Southern Denmark.

## Previous positions

- 2019-2024 *Postdoctoral Researcher*, Department of Business & Management, University of Southern Denmark.  
PI: Pantelis P. Analytis.
- 2022-2023 *Postdoctoral Researcher (part-time)*, Department of Economics and Business, Pompeu Fabra University. PI: Gaël Le Mens.
- 2022-2023 *Affiliated Researcher*, Barcelona School of Economics.

## Education

- 2019 **PhD in Mathematics**, Boston University  
Thesis: Synchronization properties and functional implications of parietal beta<sub>1</sub> rhythm  
Supervisor: Nancy Kopell
- 2013 **MSc in Mathematics**, Jacobs University Bremen  
Thesis: Sampling in Shift Invariant Spaces  
Supervisor: Götz Pfander
- 2011 **Dipl. in Electrical and Computer Engineering**, Aristotle University of Thessaloniki  
Thesis: Topological Methods in Combinatorics  
Supervisor: Efthimios Kappos

## Honors & awards

- 2023, 2024 2x European Commission's Seal of Excellence for outstanding MSCA research proposal
- 2013 Boston University Dean's Fellowship
- 2013 Jacobs University Bremen President's list award (GPA based)
- 2008 Rotary Club of Thessaloniki award (GPA based)
- 2006, 2007 2x State Scholarships Foundation scholarship (GPA based)
- 2006 State Scholarships Foundation award (GPA based)
- 2005 Hellenic Physical Society 7th Prize in Panhellenic Student Physics Competition

2002, 2003, 2005 3x Hellenic Mathematical Association Honourable Mention for distinction in Panhellenic Student Mathematics Competition

## Publications & work in progress

### PEER-REVIEWED JOURNAL PAPERS

- In press **A. Gelastopoulos**, P. P. Analytis, G. Le Mens and A. van de Rijt “The marginal majority effect: when social influence produces lock-in”. *Science Advances*. arXiv preprint 2408.03952.
- 2025 **A. Gelastopoulos**, L. Sage and A. van de Rijt, “Reinforcement generates systematic differences without heterogeneity”. *Proceedings of the National Academy of Science* Vol. 122 Issue 23, e2408163122.
- 2023 P. P. Analytis, **A. Gelastopoulos** and H. Stojic, “Ranking-based rich-get-richer processes”. *Annals of Applied Probability* Vol. 33 Issue 6A, pp 4366-4394.
- 2020 **A. Gelastopoulos** and N. Kopell, “Interactions of multiple rhythms in a biophysical network of neurons”. *The Journal of Mathematical Neuroscience* Vol. 10 Issue 1, pp. 1-43.
- 2019 **A. Gelastopoulos**, M. Whittington and N. Kopell, “Parietal low beta rhythm provides a dynamical substrate for a working memory buffer”. *Proceedings of the National Academy of Sciences* Vol. 116 Issue 33, pp. 16613-16620.
- 2019 P. P. Analytis, C. M. Wu and **A. Gelastopoulos**, “Make-or-break: chasing risky goals or settling for safe rewards?”. *Cognitive Science* Vol. 43 Issue 7, e12743.

### PEER-REVIEWED CONFERENCE PROCEEDINGS

- 2025 M. Kontalexi, **A. Gelastopoulos** and P. P. Analytis. “Social influence distorts ratings in online interfaces”. Companion Proceedings of the ACM on Web Conference 2025.
- 2017 P. P. Analytis, H. Stojic, **A. Gelastopoulos** and M. Moussaid, “Diversity of preferences can increase collective welfare in sequential exploration problems”. *Collective Intelligence* 2017.

### WORKING PAPERS

- 2024 **A. Gelastopoulos** and G. Le Mens “The disjunction effect does not violate the Law of Total Probability”. *PsyArXiv preprint 2xzf4*.
- 2022 P. P. Analytis, F. Cerigioni, **A. Gelastopoulos** and H. Stojic, “Sequential choice and self-reinforcing rankings”. *Universitat Pompeu Fabra Economics Working Papers, No. 1819*.

### IN PREPARATION

- P. P. Analytis, K den Nijs, M. Park, **A. Gelastopoulos** and J. Müller-Trede, “The committee curse: why winners in contests are largely overrated”. Under review.
- M. A. Keijzer, P. P. Analytis, **A. Gelastopoulos**, A. Jochim, P. Steiglechner and L. Steinbrinker, “From preference to dominance: the reinforcing and regressing effects of social influence”

## Oral and Poster Presentations

### CONFERENCE PRESENTATIONS AND INVITED TALKS

- December 2025 Department of Statistics, Athens University of Economics and Business.
- November 2025 BirthRites group, Max Planck Institute for Evolutionary Anthropology.
- October 2025 ARS’25 Tenth International Workshop on Social Network Analysis, Napoli, Italy.
- October 2025 Collective Minds group, Complexity Science Hub.
- June 2025 Sunbelt, Paris, France.
- June 2025 International Conference on the Science of Science and Innovation, Copenhagen, Denmark.

May 2025 French Regional Conference on Complex Systems, Bordeaux, France.  
 April 2025 European Decision Science seminar, online.  
 November 2024 Department of Mathematics, Toulouse School of Economics.  
 July 2024 57th Annual Meeting of the Society for Mathematical Psychology, Tilburg University.  
 June 2024 Theoretical Organization Models, Paris, France.  
 May 2024 16th Annual Meeting of the International Network of Analytical Sociology, Leipzig University.  
 February 2024 Santa Fe Institute.  
 February 2024 59th Edwards Bayesian Research Conference, California State University Fullerton.  
 February 2024 Computational Cognitive Science Laboratory, University of California, Berkeley.  
 February 2024 Computational Culture Lab, Stanford University & University of California, Berkeley.  
 July 2023 Interdisciplinary Workshop on Opinion Dynamics and Collective Decision, Constructor University.  
 June 2023 15th Annual Meeting of the International Network of Analytical Sociology, Princeton University.  
 June 2023 Computational Cognitive Science Laboratory, Princeton University.  
 December 2022 2nd Nordic Network for the Science of Science workshop, Athens, Greece.  
 December 2022 Social Dynamics Laboratory, Cornell University.  
 October 2022 Conference on Complex Systems, Palma de Mallorca, Spain.  
 October 2022 Decision Science seminar, University of the Balearic Islands.  
 June 2022 Conference on Research on Economic Theory and Econometrics, Tinos, Greece.  
 March 2022 Internal Microeconomics seminar, Pompeu Fabra University.  
 October 2021 T. Joachims lab seminar, Cornell University.  
 September 2021 Santa Fe Institute.  
 November 2019 Management and Behavioural Research Seminar, Pompeu Fabra University.  
 May 2019 Brown/BU/UMass Dynamics & PDE Seminar, Boston University.  
 June 2018 New Trends in Mathematical Biology, Centre for Mathematical Research, Barcelona, Spain.  
 Feb 2018 Probability and Statistics seminar, Boston University.  
 April 2017 Cognitive Rhythms Collaborative Retreat, Boston University.  
 June 2013 Real and Harmonic Analysis seminar, University of Buenos Aires.

#### POSTER PRESENTATIONS

May 2024 35th Annual Human Behavior and Evolution Society Conference, Aarhus University, Denmark.  
 August 2023 Theoretical Organization Models, Harvard Business School, Boston, MA, USA.  
 July 2023 9th International Conference on Computational Social Science, Copenhagen, Denmark.  
 June 2022 Bounded Rationality in Choice Conference, Prague, Czech Republic.  
 July 2019 Aegina Summer School, Norms & Biases in Social Interactions, Aegina, Greece.  
 November 2017 SfN annual meeting Neuroscience, Washington DC, USA.  
 January 2017 Mathematics of Memory Winter School, Center for Mathematical Research, Barcelona, Spain

#### Academic visits (longer than a week)

October 2025 **Complexity Science Hub**  
 February 2024 **Santa Fe Institute**  
 February 2024 **University of California, Berkeley**, Haas School of Business  
 February 2023 **European University Institute** Department of Social and Political Sciences  
 Jan-March 2022 **Pompeu Fabra University** Department of Economics and Business  
 July-Oct 2021 **Center for Genomic Regulation** Department of Bioinformatics and Genomics  
 November 2019 **Pompeu Fabra University** Department of Economics and Business  
 April 2017 **Cornell University** Department of Computer Science  
 December 2014 **University of Tennessee** NIMBioS

## Teaching

### INSTRUCTOR

- Spring 2023 Introduction to Game Theory, *Pompeu Fabra University*  
Summer 2017 Probability, *Boston University*

### TEACHING ASSISTANT

- Fall 2018 Elementary Statistics, *Boston University*  
Fall 2016 Introduction to Analysis 1, Calculus 1 for Social Sciences, *Boston University*  
Spring 2013 Functional Analysis, Applied Differential Equations, *Jacobs University Bremen*  
Fall 2012 Linear Algebra 1, Perspectives of Mathematics 1, *Jacobs University Bremen*  
Spring 2012 Analysis 2, *Jacobs University Bremen*  
Fall 2011 Analysis 1, *Jacobs University Bremen*

### GUEST LECTURES

- July 2025 Models of social influence, *Organization Science Summer School, online.*  
July 2023 Modeling and detecting cumulative advantage in the social sciences, *BIGSSS Computational Social Science Summer School on Democratic Debate, Constructor University.*  
May 2022 Architecture and information processing in biological neural networks, *M.Sc. in Data Science Program, University of Southern Denmark.*  
June 2021 The mathematics of juggling, *1st Neo-meta-cabaret artists convention, Libertatia social center, Thessaloniki, Greece.*  
April 2021 Principles of Biological Neural Networks, *M.Sc. in Data Science Program, University of Southern Denmark.*  
April 2009 Gambling, Circuits and Facebook (with A. Kehagias and R. Grigoriou), *3rd Electrical and Computer Engineering Student Conference, Aristotle University of Thessaloniki.*

## Student supervision

### ONGOING

Marina Kontalexi (PhD student, University of Athens) – Co-supervision on side project  
Giorgos Christodoulou (Dipl. Eng. student, Aristotle University of Thessaloniki) – Supervision on undergraduate student project

### PAST

Andreas Francisco De Melo Oliveira (BSc Boston university) – Supervision on undergraduate student project

## Service

### AD-HOC REVIEWING

Scientific Reports, Journal of The Royal Society Interface, International Conference on Computational Social Science (IC2S2), ACM Web Conference

## WORKSHOP AND SEMINAR ORGANIZATION

June 2026 13th Toulouse Economics and Biology workshop, Toulouse, France.  
2025-2026 IAST General Seminar

## OTHER

July 2023 Project leader at BIGSSS Computational Social Science Summer School on Democratic Debate, *Constructor University*.  
November 2020 Judge for the student modeling competition SCUDEM V, *Online Boston University*.  
Fall 2012 Incoming students mentor, *Jacobs University Bremen*.  
March 2012 Jury member for the 22nd Vojtěch Jarník International Mathematical Competition, *Ostrava, Czech Republik*.  
2010-2011 Volunteer at the student exchange organization for practical experience IAESTE, local chapter of Aristotle University of Thessaloniki. President of the local chapter during Spring 2011.

## IT Skills

Python, MATLAB, C/C++, R

## Languages

Fluency: Greek (mother tongue), English, Spanish  
Semi-fluency: Portuguese, Catalan, French  
Basic knowledge: German

## Referees

**Pantelis Analytis**, Danish Institute for Advanced Studies, Campusvej 55, 5230 Odense, Denmark, e-mail: [pantelis@sam.sdu.dk](mailto:pantelis@sam.sdu.dk)

**Gaël Le Mens**, Department of Economics and Business, Pompeu Fabra University, Ramon Trias Fargas, 25-27 08005 Barcelona, phone: +34 93 542 2717, [gael.le-mens@upf.edu](mailto:gael.le-mens@upf.edu)

**Arnout van de Rijt**, Department of Political and Social Sciences, European University Institute, Via dei Roccettini 9, I-50014 San Domenico di Fiesole, phone: +39 055 4685 212, [arnout.vanderijdt@eui.eu](mailto:arnout.vanderijdt@eui.eu)

**Nancy Kopell**, Department of Mathematics and Statistics, Boston University, 111 Cummington Street, Boston, MA 02215, USA, phone: +16173535210, e-mail: [nk@bu.edu](mailto:nk@bu.edu)

**Fabrizio Germano**, Department of Economics and Business, Pompeu Fabra University, Ramon Trias Fargas, 25-27 08005 Barcelona, phone: +34 93 542 2729, [fabrizio.germano@upf.edu](mailto:fabrizio.germano@upf.edu)