# Pantelis Pipergias Analytis

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**RESEARCH FIELDS**

Behavioral Economics, Cognitive Science, Judgment and Decision Making, Computational Social Science, Artificial Intelligence.

**ACADEMIC POSITIONS**

*Postdoctoral Researcher*, MPI for Human Development, Berlin, 2014-2015.
*Predoctoral Researcher*, MPI for Human Development, Berlin, 2010-2014.

**EDUCATION**

*Phd in Psychology*, Humboldt University, Berlin, 2014.
*Masters in Cognitive Science*, EHESS, Paris, 2008-2009.
*Masters in Law and Economics*, University of Hamburg, 2006-2007.
*Diploma in Economics*, University of Athens, 2001-2006.

**PUBLICATIONS**

**Analytis, P.P.**, Barkoczi, D. and Herzog, M.S., (2015), You're special, but it doesn't matter if you 're a greenhorn: Social recommender strategies for mere mortals, *Proceedings of the 37th Annual Conference of the Cognitive Science Society, Austin, TX: Cognitive Science Society.*

Stojic H., **Analytis, P.P.** and Speekenbrink, M., (2015), Human behavior in contextual multi-armed bandit problems, *Proceedings of the 37th Annual Conference of the Cognitive Science Society, Austin, TX: Cognitive Science Society.*

**Analytis, P.P.**, Kothiyal, A. and Katsikopoulos, K., (2014), Multi-attribute utility models as cognitive search engines, *Judgment and Decision Making*, 9, (5), 403-419.

**Analytis, P.P.**, Moussaid, M., Artinger, F., Kämmer, J. and Gigerenzer, G., (2014), "Big data" need an analysis of decision processes, *Behavioral and Brain Sciences*, 37, (1), 76-78.

Moussaid, M., Kämmer, J., **Analytis, P.P.** and Neth, H., (2013), Social influence and the collective dynamics of opinion formation, *PLoS ONE* 8(11): e78433.

**WORKING PAPERS**

Kämmer, J., **Analytis, P.P.**, Moussaid, M. and Neth, H., Navigating the social environment: An ecological rationality perspective on advice-taking behavior. Target journal: *Journal of Experimental Social Psychology.*

**Analytis, P.P.**, Stojic, H. and Moussaid, M. The collective dynamics of sequential search in markets for cultural products. Target journal: *American Economic Review.*

Stojic, H., **Analytis, P.P.** and Olsson, H., Function learning while making decisions. Target journal: *Journal of Experimental Psychology: Memory, Learning and Cognition.*

**THESES**

**Analytis, P.P.**, 2014, Psychological process models and aggregate behavior. Doctoral thesis in Psychology, Humboldt University, Berlin, Germany.

**Analytis, P.P.**, 2009, Metacognitive uncertainty and study time allocation, Master's thesis in Cognitive Sciences, EHESS, Paris, France.

**SELECTED WORK IN PROGRESS**

Learning to choose among apples and oranges, with Hrvoje Stojic and Maarten Speekenbrink. Current state: Designing experiments.

Make it or break it: Allocating effort when highly valued goals are are at stake, with Amit Kothiyal. Current state: Model building.

Searching down the line: Human performance in ordered search tasks, with Mara Ziemann and Amit Kothiyal. Current state: Data analysis.

Shortest path without a map, with Charley Wu. Current state: Designing experiments.

**CONFERENCE TALKS**

**Analytis, P.P.**, Barkoczi D. and Herzog, M.S., 2015, You're special, but it doesn't matter if you are a greenhorn: Social recommender strategies for mere mortals, 37th Annual Conference of the Cognitive Science Society, Pasadena, Los Angeles, US.

Stojic H., **Analytis, P.P.** and Speekenbrink, M., 2015, Human behavior in contextual multi-armed bandit problems, 37th Annual Conference of the Cognitive Science Society, Pasadena, Los Angeles, US.

**Analytis, P.P.**, Kothiyal, A. and Katsikopoulos, K., 2015, Multi-attribute utility models as cognitive search engines, Annual meeting of the Mathematical Psychology Society, Newport, Los Angeles, US.

**Analytis, P.P.**, and Katsikopoulos, K., 2013, The choice-experience feedback loop: Choosing and judging with small and biased samples, 1st conference of the Herbert Simon Society, New York, US.

**Analytis, P.P.**, and Katsikopoulos, K., 2012, Cognitive inductive models and the co-evolution of signaling, New Developments in Signaling and Game Theory, Monte Verita, Switzerland.

**Analytis, P.P.**, Son, L. and Sethi, R., 2011, Metacognitive uncertainty and learning decisions. SPUDM , Kingston upon Thames, England.

**Analytis, P.P.**, Rauh, C., Ramachandran, R. and Willis, J., 2008, The economics of student attendance, 2nd International Conference of Educational Economics, Athens, Greece.

**PRESENTED POSTERS**

**Analytis, P.P.**, Barkoczi D. and Herzog, M.S., 2015, You're special, but it doesn't matter if you are a greenhorn: Social recommender strategies for mere mortals, SPUDM, Budapest, Hungary.

**Analytis, P.P.**, Stojic, H. and Moussaid, M., 2014, The collective market dynamics of popularity ordered search. Decision Making Bristol, Bristol, UK.

**INVITED TALKS**

**Analytis, P.P.**, 2015, Identifying blind spots in rational choice theory, Computational and Cognitive Neuroscience Lab, Harvard University, Boston, US.

**Analytis, P.P.**, 2015, Psychological process models and collective behavior, Institute of Analytical Sociology, Linköping University, Norröping, Sweden.

**Analytis, P.P.**, Kothiyal, A. and Katsikopoulos, H., 2015, Multi-attribute utility models as cognitive search engines, Department of Economics, University of Nottingham, Nottingham, UK.

**Analytis, P.P.**, Moussaid, M. and Stojic, H., 2014, The collective market dynamics of popularity-ordered search, Department of Behavioral Science, Hokkaido University, Sapporo, Japan.

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| **WORKSHOPS** | 5th - 7th Annual Graduate Workshop of the Uncertainty School, Max Planck Institute for Economics, 2011-3, Jena, Germany.<br>17th Annual Graduate Workshop in Computational Social Science Modeling and Complexity, 2011, Santa Fe, New Mexico, US.<br>18th Summer School in Economic Theory, 2007, Economic Aspects of Communication and Information, Jerusalem, Israel. |
| **TEACHING** | **Social influence and the wisdom of the crowds**, June 2012, Workshop delivered at the Summer school on Bounded Rationality, Max Planck Institute for Human Development, Berlin.<br>**Models of judgment and decision making**, July 2015, International Max Planck Research School on Adaptive Behavior in a Fundamentally Uncertain World (Uncertainty school), Jena. |
| **RESEARCH VISITS** | Computational Cognitive Neuroscience Lab, *Harvard University*, Boston, November - December 2015, hosted by Samuel Gershman.<br>Department of Cognitive, Perceptual and Brain Sciences, *University College London*, London, June 2015, hosted by Maarten Speekenbrink.<br>Department of Economics and Business, *Universitat Pompeu Fabra*, Barcelona, July - August 2014, hosted by Gaël Le Mens and Hrvoje Stojic.<br>Department of Computer Science, *Tokyo Institute of Technology*, Tokyo, October 2013 - April 2014, hosted by Masashi Sugiyama.<br>Department of Psychology, *Barnard College*, New York, June 2009 - October 2010, hosted by Lisa Son and Rajiv Sethi. |
| **ACADEMIC SERVICE** | **Organization**: Summer Institute on Bounded Rationality - Decision Making in the Wild. 3rd - 10th July 2012. (Main organizer), Max Planck Institute for Human Development, Berlin, Germany.<br>**Multimedia**: *Talking about decisions* - Series of 30' interviews with leading decision sciences scholars produced at the Max Planck Institute for Human Development.<br>*Interviewees*: Tom Wallsten, Reid Hastie, Jerome Busemeyer, Laura Martignon, Robin Hogarth, John McNamara.<br>**Mentoring**: Mara Ziemann (Master's thesis), Alexia Delfino (Master's thesis), Tor Nielsen (Research visit), Barbara Schiltenwolf (Conference organisation), Zhong Yilu (Research visit).<br>**Reviewing**: Annual Meeting of the Cognitive Science Society (2), PLOS One (1). |
| **HONORS & AWARDS** | Max Planck Society, 2014-2015, Postdoctoral fellowship.<br>Max Planck Society, 2010-2014, Doctoral fellowship.<br>European Union, 2007, Scholarship for studies at the University of Haifa.<br>Greek National Scholarship Foundation, 2005, Erasmus scholarship for studies in France.<br>Greek National Scholarship Foundation, 2001, Scholarship for outstanding performance at the university entry exams. |
| **COMPUTER SKILLS** | *Languages*: Javascript, Netlogo, Python, R, SQL<br>*Mark up languages*: Html, LATEX, Markdown<br>*Statistical packages*: Matlab, SPSS, Stata. |

*Applications*: Aquamacs, Git, MS Office, Premiere, Photoshop.
*Operating systems*: OS X, Windows, Unix/Linux.

**WORKING**
**EXPERIENCE**

*Intern*, OECD, Paris, 2006.
*Cadet Officer*, Greek Marine Forces, Greece, 2003 - 2005.

**OTHER**

*Photojournalism*: http://www.protagon.gr/?i=protagon.el.fwtografia&id=1907
*Consulting*: http://www.kefalonian-products.com
*Filmmaking*: http://www.filmarche.de

**LANGUAGES**

| Language | Spoken | Written |
|---|---|---|
| Greek | native | native |
| English | proficient | proficient |
| German | fluent | fluent |
| French | fluent | fluent |
| Spanish | fluent | good |
| Italian | lost fluency | intermediate |
| Japanese | upper basic | basic |
| Portuguese | basic | basic |

**REFEREES**

1. Konstantinos Katsikopoulos, Center for Adaptive Behavior and Cognition (ABC), Max Planck Institute for Human Development, Lentzealle 94, 14195, Berlin Germany, Phone : +493082406-689, e-mail: katsikop@mpib-berlin.mpg.de.

2. Mehdi Moussaïd, Center for Adaptive Rationality (ARC), Max Planck Institute for Human Development, Lentzealle 94,14195, Berlin Germany, Phone : +49 30 82406-415, e-mail: moussaid@mpib-berlin.mpg.de

3. Stefan Herzog, Center for Adaptive Rationality (ARC), Max Planck Institute for Human Development, Lentzealle 94,14195, Berlin Germany, Phone : +49 30 82406-406, e-mail: herzog@mpib-berlin.mpg.de

4. Maarten Speekenbrink, Cognitive, Perceptual and Brain Sciences, University College London, 26 Bedford Way, London, WC1H 0AP England, m.speekenbrink@ucl.ac.uk.

5. Gerd Gigerenzer, Center for Adaptive Behavior and Cognition (ABC), Max Planck Institute for Human Development, Lentzealle 94, Berlin, 14195, Phone: +493082406-361/430, e-mail: sekgigerenzer@mpib-berlin.mpg.de.

6. Gael Le Mens, Department of Economics and Business, Universitat Pompeu Fabra, Ramon Trias Fargas, 25-27, 08005, Barcelona, Spain, Phone: +34935422717, e-mail: gael.le-mens@upf.edu.