

## STEFANOS LEONARDOS

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University of Athens  
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[\[personal website\]](#)

### EMPLOYMENT

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2018 | **Singapore University of Technology & Design** | **SUTD Singapore**  
· Research Fellow: starting September 2018

### EDUCATION

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2017 | **PhD in Game Theory** | **University of Athens**  
· Excellent. Advisor: As. Prof. C. Melolidakis

2013 | **M.Sc. in Statistics & Operations Research** | **University of Athens**  
· Valedictorian 10/10

2009 | **Diplom in Mathematics** | **Technische Universität Darmstadt**  
· Distinction 1.0/1.0

2004 | **B.Sc. in Business Administration** | **Athens University of Economics & Business**

### RESEARCH & TEACHING INTERESTS

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**Research** | Game theory: equilibrium concepts, oligopolies, 2-stage games  
Revenue management: pricing, unimodality conditions, comparative statics  
Strategic behavior: voting systems, queues  
**Teaching** | Game Theory, Operations Research, Probability & Statistics

### LANGUAGES

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**Greek** (native), **German** (Abitur), **English** (Cambridge Certificate of Proficiency in English, IELTS 8.5/9)

### PUBLICATIONS

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- [1] S. Leonardos & C. Melolidakis, *On the commitment value and commitment optimal strategies in bi-matrix games*, **International Game Theory Review**. [\[pdf\]](#), [\[journal\]](#)
- [2] C. Koki, S. Leonardos & C. Melolidakis, *Comparative Statics via Stochastic Orderings in a Two-Echelon Market with Upstream Demand Uncertainty*, **AIRO Springer Series**, forthcoming. [\[pdf\]](#)
- [3] C. Koki, S. Leonardos & C. Melolidakis, *Measuring Market Performance with Stochastic Demand: Price of Anarchy and Price of Uncertainty*, **LNCS/LNAI Springer Series**, forthcoming. [\[pdf\]](#)
- [4] S. Leonardos & C. Melolidakis, *Endogenizing the cost parameter in Cournot oligopoly*, **International Game Theory Review**, under revision. [\[arxiv\]](#)
- [5] S. Leonardos & C. Koki, *The Greek Parliament of 2012: Coalitions, Incentives & Power Indices in Context*, **Homo Oeconomicus**, under revision. [\[arxiv\]](#)
- [6] S. Leonardos & C. Melolidakis, *"Selling to Cournot oligopolists: pricing under uncertainty & generalized mean residual life"*, under submission. [\[arxiv\]](#)
- [7] S. Leonardos & C. Melolidakis, *"Fixed Points of the Mean Residual Life Function"*, under submission. [\[arxiv\]](#)
- [8] Y. Dimitrakopoulos, A. Economou & S. Leonardos, *Strategic customer behavior in a queueing system alternating between peak and off-peak periods*. [\[working paper\]](#)
- [9] J. Freixas & S. Leonardos, *Some impossibility results on power indices*, work in progress.

### REFEREEING

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European Journal of Operational Research, Greek Mathematical Review

## SCHOLARSHIPS & FUNDED ACTIVITIES

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- 2017 | **Greek Institution of State Scholarships (IKY)**  
· Ranked 5th: Kindly declined (due to financial reasons)
- 2013–16 | **Alexander S. Onassis, Public Benefit Foundation**  
· Scholarship for doctoral studies
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- 2018 | **Maastricht University**, Fifth EPICENTER Spring Course in Epistemic Game Theory  
2017 | **Lake Como School of Advanced Studies**, Summer school “Game Theory and Voting Systems”  
**Koç Üniversitesi**, Research Visit at the College of Engineering
- 2016–17 | **Special Account for Research Grants, University of Athens**  
· Travel grants: Stony Brook (2017), SING12 (2016)
- 2014–15 | **Excellence II, European Social Fund for Research**  
· Research program: “Optimization of stochastic systems under partial information”
- 2008 | **Socrates–Erasmus Fellowship: Darmstadt & Athens**. Grade: 10/10 (24 ECTS)  
**Scuola Matematica Interuniversitaria**, Summer school in “ $C_0$ -Semigroups”.

## SELECTED TALKS

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- 2018 | **CRETE2018**, The 17th Conference on Research on Economic Theory and Econometrics  
**MCDA2018**, 12th Multicriteria Decision Aid Meeting  
**OLIGO**, Workshop 2018 in Piraeus
- 2017 | **Stony Brook**, Center for Game Theory, 28th International Conference (contributed)  
**Technion**, 9th International Conference of the Israeli Chapter, GTS  
**SDSU**, Jerome J. Lohr College of Engineering (invited)
- 2016 | **GAMES 2016**, 5th World Congress of the Game Theory Society  
**GTM16**, 10th International Conference on Game Theory and Management  
**SING12**, 12th European Meeting on Game Theory (contributed)
- 2015 | **M3ST 2015**, International Conference on Modern Mathematical Methods  
**Excellence II**, Part of the European Social Fund Research funding program

## TEACHING EXPERIENCE

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- 2010–2015 | **“Arnos” Private Institute for Higher Education**  
· E-learning: Probability, Statistics, Operations Research  
· Instructor: Quality Control, graduate/ undergraduate
- 2012–2014 | **University of Athens, Department of Mathematics**  
· Teaching Assistant: Game Theory, Probability I, II
- 2006–2008 | **TU Darmstadt, Department of Mathematics**  
· Teaching Assistant: Functional Analysis

## CONSULTING – NON ACADEMIC

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- 2014–2015 | **TERNA Energy, GEK Terna Group**  
· Statistical analysis, Matlab in “*Eagles and Bats conservation project, Idaho, US*”
- 2009 | **EUREX Clearing AG, Gruppe Deutsche Börse**  
· Intern: Clearing Business Development
- 2009–2010 | **Military Service: Rhodos, Greece**

## COMPUTER SKILLS

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- Matlab, LaTeX, SPSS, Minitab, Excel (advanced), R, Python (intermediate).
- “Algorithms, a 4-Course Specialization”, by Stanford University on Coursera, 2017. Grade: 100%.
- “Design & Analysis of Algorithms”, graduate course by E. Markakis (AUEB), 2018. Grade: 9.5/10 (first).

## OTHER

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- **Professional Bodies – Societies**

- Game Theory Society

- International Society of Dynamic Games

- American Economics Association

- Italian Association for Mathematics Applied to Economic and Social Sciences

- Hellenic Economic Chamber

- Hellenic Mathematical Society

- Hellenic Operational Research Society

- MENSA Greece

- Alumni Association of the German School of Athens

- **Graduate Student Union, Mathematics Department**, Elected trustee (2011-2013)

- **German School of Athens**, Greek & German graduation (1999): Excellent (19.2/20).

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## REFERENCES

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**Costis Melolidakis** | **Associate Professor**, my PhD and Msc Thesis advisor  
· Affiliation: National and Kapodistrian University of Athens,  
Division of Statistics and Operations Research  
· Address: Panepistemioupolis, Athens 15784, Greece  
phone: +30-210-7276342  
e-mail: cmelol@math.uoa.gr

**Apostolos Burnetas** | **Professor, Department Chair**  
· Affiliation: National and Kapodistrian University of Athens,  
Division of Statistics and Operations Research  
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**Antonis Economou** | **Professor**  
· Affiliation: National and Kapodistrian University of Athens,  
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· Address: Panepistemioupolis, Athens 15784, Greece  
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**Evangelos Markakis** | **Assistant Professor**  
· Affiliation: Athens University of Economics & Business  
Department of Informatics  
· Address: 4th floor, Antoniadou & Patision 76, 10434 Athens, Greece  
phone: +30-210-8203-149  
e-mail: markakis@gmail.com

**Elias Tsakas** | **Associate Professor**  
· Affiliation: Maastricht University,  
Department of Economics  
· Address: Minderbroedersberg 4-6, 6211 LK Maastricht, The Netherlands  
phone: +31-43-38 83649  
e-mail: e.tsakas@maastrichtuniversity.nl

**Bálint Farkas** | **Professor Dr.**, my Dipl Thesis advisor  
· Affiliation: University of Wuppertal  
School of Mathematics and Natural Sciences, Workgroup Functional Analysis  
· Address: Office G.15.27, Gaustrae 20, D-42119 Wuppertal, Germany  
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