

Curriculum Vitae of László Á. Kóczy

Education: BA (Hons.) in Mathematics (Cantab., 1997), MSc in Economics (Leuven, 1999)

Year of obtaining the PhD: 2003 (Leuven, Field: cooperative game theory, Promotor: Luc Lauwers)

Research interests:

- Cooperative game theory
- Economic theory
- Theoretical politics
- Matching theory
- Social choice
- Scientometrics

Current research topics

- Power indices: (relative) measures of voting influence
- Externalities in cooperative games: the outside effects of cooperation, especially in a dynamic setting
- Dynamic and stochastic solutions in cooperative games
- Balancedness conditions in exact and non-transferable utility games
- Problems in two-sided many-to-one matchings: lower quotas and preference constraints
- Quality indicators of academic journals; the development of an objective index

Employed by:

Employment history:

2010 – IEHAS, senior researcher

2010 – Óbuda University, associate professor

2007 – 2010 Óbuda University as associate professor and vice dean for research

2003 - 2009 Assistant Professor, Maastricht University, The Netherlands

1999 - 2003 PhD scholar, Catholic University Leuven, Belgium

Major grants:

- HAS Momentum Programme HUF 175M, 2010.
- OTKA (Hungarian Fund for Scientific Research) grant NF-72610 HUF 43M, 2008
- Marie Curie Reintegration Grant €45000, 2008
- Marie Curie Intra-European Fellowship, €130000, 2005
- Joint grants of the Catholic University Leuven and the Soros Foundation totalling approx. €60000, 1998-2003
- Senior researcher in the VICI project of Jean-Jacques Herings „Assessing the Robustness of Key Results in Economics” funded by NWO (The Netherlands Fund for Scientific Research), 2003-2005

International conference presentations:

- SCW2010, Moscow. Kóczy LÁ: The Men who Weren't Even there: Legislative voting with absentees,
- SING6, Palermo, 2010. Kóczy LÁ: The Men who Weren't Even there: Legislative voting with absentees,
- CTN2010, Marseille, Kóczy LÁ: Stationary consistent equilibrium outcomes constitute the recursive core,
- Dagstuhl Seminar on the Computational Foundations of Social Choice, 2010. Kóczy, LÁ, Pintér M: The men who weren't even there: Legislative voting with absentees.
- Dagstuhl Seminar on the Computational Foundations of Social Choice, 2010. Kóczy, LÁ: Quality ranking based on a citation tournament (abstract)
- MINT1, 2010. Kóczy LÁ: Quarrelling in coalitions to increase p-power voting.
- 1st UECE Lisbon Meeting, 2009. Kóczy LÁ: Quarrelling in coalitions to increase p-power voting
- SING5, Amsterdam, 2009. Kóczy LÁ: Stationary consistent equilibrium outcomes constitute the recursive core
- SING5, Amsterdam, 2009. Csóka P, Herings PJJ, Kóczy LÁ: Balancedness conditions for exact games
- CTN2009, Maastricht. Kóczy LÁ: Sequential coalition formation and the core in the presence of externalities
- ESEM2008, Milan. Kóczy LÁ: Strategic power indices: Quarrelling in coalitions
- SING4, Wrocław. Kóczy LÁ: On the implementation of the recursive core
- SING4, Wrocław. Csóka P, Herings PJJ, Kóczy LÁ: Convex and exact games with transferable utility
- SCW9, Montreal, 2008. Kóczy LÁ: On the implementation of the recursive core

- GET, Paestum, 2008. Csóka P, Herings PJJ, Kóczy LÁ: Convex and Exact games with Transferable Utility
- ESEM2007, Budapest. Kóczy LÁ: Sequential coalition formation and the core in the presence of externalities
- ESEM2007, Budapest. P, Herings PJJ, Kóczy LÁ: Stable allocations of risk
- 22nd EEA Meeting, Budapest, 2007. Kóczy LÁ, Strobel M: Ranking of academic journals by tournament methods
- EUROXXII, Prague, 2007. Kóczy LÁ: Quarrelling in Coalitions
- SING3, Madrid, 2007. Csóka P, Herings PJJ, Kóczy LÁ: Risk allocation games with and without aggregate uncertainty
- SING3, Madrid, 2007. Kóczy LÁ: Sequential coalition formation and the core in the presence of externalities
- LGS5, Bilbao, 2007. Kóczy LÁ: Power indices with endogenously selected infeasible coalitions
- SAET, Kos, 2007. Csóka P, Herings PJJ, Kóczy LÁ: Risk allocation and totally balanced games
- GET, Warwick, 2007. Csóka P, Herings PJJ, Kóczy LÁ: Risk allocation and totally balanced games
- SCW8, Istanbul, 2006. Kóczy LÁ: Strategic Power Indices
- SING2, Foggia, 2006. Kóczy LÁ: Strategic Power Indices
- 27th Seminar on Fuzzy Set Theory, Linz, 2006. Kóczy LÁ, Lauwers L: The Minimal Dominant Set is a Non-Empty Core-Extension
- GAMES2004, Marseille. Kóczy LÁ, Lauwers L: The Minimal Dominant Set is a Non-Empty Core-Extension
- WEHIA2004, Kyoto. Kóczy LÁ, Lauwers L: The Minimal Dominant Set is a Non-Empty Core-Extension
- 14th Game Theory Festival, Stony Brook, 2003. Kóczy LÁ, Lauwers L: The Minimal Dominant Set is a Non-Empty Core-Extension
- CTN8, Aix-en-Provence, 2003. Kóczy LÁ, Lauwers L: The Minimal Dominant Set is a Non-Empty Core-Extension
- ICM2002GTA, Qingdao, 2002. Kóczy LÁ: The Core in the Presence of Externalities
- PET02, Paris, 2002. Kóczy LÁ: The Core in the Presence of Externalities
- CTN7, Venice, 2002. Kóczy LÁ: The Core in the Presence of Externalities
- LGS2, St Petersburg, 2001. Kóczy LÁ, Lauwers L: The Minimal Dominant Set is a Non-Empty Core-Extension
- GAMES2000, Bilbao. Kóczy LÁ: Finding the Best Way to Join in: A Dynamic Accession Game (poster)
- 11th Game Theory Festival, Stony Brook, 2000. Kóczy LÁ: Consistent Refinements of the Core of a Partition Function Game

10 key publications:

- Kóczy L. Á. (2010): Strategic Aspects of the 1995 and 2004 EU Enlargements, *Group Decision and Negotiation* 19, No 3., 267-277.
- Kóczy L. Á., Strobel M. (2009): The Invariant Method can be Manipulated, *Scientometrics* 81, No 1., 291-293.
- Kóczy L. Á. (2007): A recursive core for partition function form games, *Theory and Decision* 63, No. 1., 41-51.
- Csóka, P., Herings, P.J.J., Kóczy L. Á. (2009): Stable Allocations of Risk, *Games and Economic Behavior* 67, No 1., 266-276.
- Kóczy L., L. Lauwers (2007): The Minimal Dominant Set is a Non-Empty Core-Extension, *Games and Economic Behavior* 61, No. 2., 277-298.
- Csóka, P., Herings, P.J.J., Kóczy L. Á. (2007): Coherent Measures of Risk from a General Equilibrium Perspective, *Journal of Banking and Finance* 31, No. 8., 2517-2534.
- Kóczy L. Á. (2006): The Core can be Accessed with a Bounded Number of Blocks, *Journal of Mathematical Economics* 43, No. 1., 56-64.
- Kóczy L., L. Lauwers (2004): The Coalition Structure Core is Accessible, *Games and Economic Behavior* 48, No 1., 86-93.
- Kóczy L. Á. (2003): The Core in the Presence of Externalities, *ICM Millennium Lectures on Games* Petrosjan Leon A., Yeung David W. K. Springer, 205-231.
- Kóczy L. Á. (2002): Finding the Best Way to Join in, *Game Theory and Decision Theory in Agent-Based Systems* Simon Parsons, Piotr Gymtrasiewicz, Michael Wooldridge, eds Kluwer Academic Publishers, 159-176.

Society memberships

- Econometric Society
- Game Theory Society
- Royal Economic Society
- Society for Social Choice and Welfare
- Hungarian Society for Economics (founding member)

Referee for journals

- Economics Bulletin,

- European Economic Review,
- European Union Politics,
- Games
- Games and Economic Behavior,
- International Game Theory Review
- International Journal of Game Theory,
- Journal of Economic Theory,
- Mathematical Social Sciences,
- Operations Research and Decisions,
- Social Choice and Welfare,
- Acta Polytechnica Hungarica,
- Szigma

Reviewer for Mathematical Reviews.