

Balázs R. Sziklai - Curriculum Vitae

Personal data

Name: [Sziklai, Balázs Róbert](#)

Birth: Budapest, 1981

Nationality: Hungarian

Marital status: married

E-mail: sziklai.balazs@krtk.mta.hu
balazs.sziklai@uni-corvinus.hu

Homepages: www.mtakti.hu/en/kutatok/balazs-sziklai/313/

Current employment: Research fellow at the Centre for Economic and Regional Studies, Game Theory Research Group
Assistant professor at Corvinus University of Budapest, Dept. of Operations Research and Actuarial Sciences



Skills and fields of interest

Skills: English, Java, C++, Z-tree

Research areas: Fair division, Social choice, Networks

Studies

2010-2015 Eötvös Loránd University, Applied Mathematics PhD

2008-2010 Central European University, Applied Mathematics MSc

2006-2008 Eötvös Loránd University, Mathematics BSc

2000-2005 Corvinus University of Budapest, Economics MA

Teaching and work experience

2010- Research fellow at the Game Theory Research Group of the Centre for Economic and Regional Studies

2015- Assistant professor at Corvinus University of Budapest, teaching operations research, game theory and probability theory, undergraduate level

2019 Head of research at the Faculty of Economics of Corvinus University of Budapest

2014 Central European University, teaching game theory, graduate level (in English)

2012-2015 Eötvös Loránd University, teaching calculus and game theory, undergraduate level

2012 Teaching Practice, Prague (CERGE-EI)

2005-2008 Research assistant at AGB Nielsen Media Research

Scholarships and grants

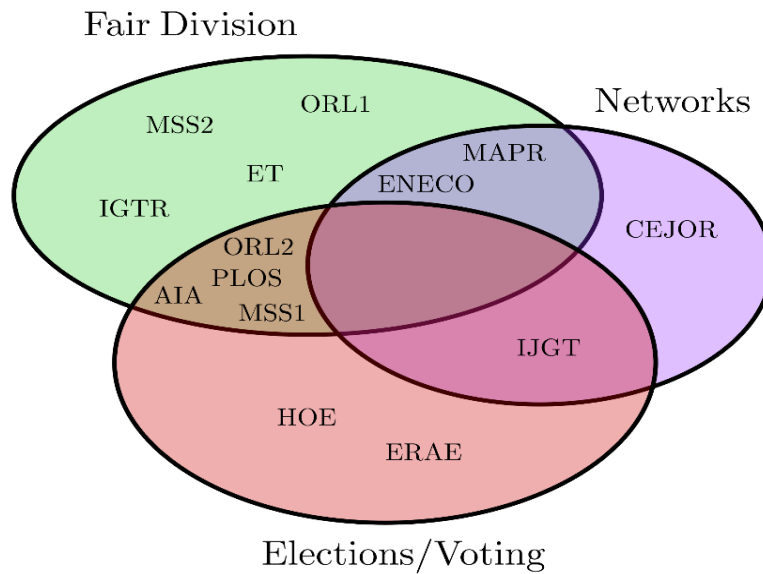
2017-2020 Research grant from the National Research, Development, and Innovation Office

2017 New National Excellence Programme (10 month)

2016 New National Excellence Programme (10 month)

2013 Young Researcher Scholarship from the Hungarian Academy of Sciences (3 years)

2008 Full fellowship from Central European University (2 years)



- (ERAE) Fertő I. ▫ Kóczy Á. L. ▫ Kovács A. ▫ Sziklai B. R. (2020): "Power ranking of the members of the Agricultural Committee of the EP," *European Review of Agricultural Economics*, forthcoming
- (PLOS) Sziklai B. R. ▫ Héberger K. (2020): "Apportionment and Districting by Sum of Ranking Differences," *PLOS ONE* 15(3): e0229209. <https://doi.org/10.1371/journal.pone.0229209>
- (ENECO) Csercsik D. ▫ Hubert F. ▫ Kóczy Á. L. ▫ Sziklai B. R. (2019): "Modelling transfer profits as externalities in a cooperative game-theoretic model of natural gas networks," *Energy Economics*, Volume 80 pp. 355-365
- (ET) Segal-Halevi E. ▫ Sziklai B. R. (2019): "Monotonicity and Competitive Equilibrium in Cake-cutting," *Economic Theory*, vol. 68, pp. 363-401
- (MSS2) Segal-Halevi E. ▫ Sziklai B. R. (2018): "Resource-monotonicity and Population-monotonicity in Connected Cake-cutting," *Mathematical Social Sciences*, vol. 95. pp. 19-30
- (ORL2) Kóczy L. Á. ▫ Sziklai B. R. (2018): "Bounds on Malapportionment," *Operations Research Letters*, vol. 46, issue 3, pp. 324-328
- (IJGT) Sziklai B. (2018): "How to identify experts in a community?," *Intern. Journal of Game Theory*, vol. 47. issue 1, pp. 155-173
- (AIA) Kóczy L. Á. ▫ Biró P. ▫ Sziklai B. (2017): "US vs. European Apportionment Practices: The Conflict between Monotonicity and Proportionality," in *Trends in Computational Social Choice*. U. Endriss (editor). AI Access, 2017.
- (MAPR) Sziklai B. ▫ Fleiner T. ▫ Solymosi T. (2017): "On the Core and Nucleolus of Directed Acyclic Graph Games," *Mathematical Programming*, vol. 163, issue 1, pp. 243-271
- (ORL1) Solymosi T. ▫ Sziklai B. (2016): "Characterization Sets for the Nucleolus in Balanced Games," *Operations Research Letters*, vol. 44, issue 4, pp. 520-524
- (MSS1) Biró P. ▫ Kóczy L. Á. ▫ Sziklai B. (2015): "Fair Apportionment in the View of the Venice Commission's Recommendation," *Mathematical Social Sciences*, vol. 77, pp. 32-31
- (CEJOR) Csercsik D. ▫ Sziklai B. (2015): "Traffic Routing Oligopoly," *Central European Journal of Operations Reserach*, vol. 23, issue 4, pp. 743-762
- (HOE) Kóczy Á. L. ▫ Sziklai B. (2015): "Electing the Pope," *Homo Oeconomicus* Vol. 32 No. 1 pp. 101-116

- (IGTR) Fleiner T. ▫ Sziklai B. (2012): "The Nucleolus of the Bankruptcy Problem by Hydraulic Rationing," International Game Theory Review, vol. 14. No. 1

Doctoral thesis: On the Computation of the Nucleolus of Cooperative Transferable Utility Games,
Supervisor: Tamás Fleiner