Personal information

First name(s) / Surname(s)	**Péter Csóka**
Nationality,	Hungarian

Relevant Professional Experience

Dates and number of months	Since September 2008
Employer / Commissioner	Corvinus University of Budapest (CUB)
Occupation or position held	Professor (Since September 2019), before Associate Professor (Since April 2011), before Assistant Professor
Description of tasks	Teaching Investments, Corporate Finance, Financial Derivatives, Finance in Hungarian and in English at BA and MA level; Corporate Finance at Ph.D. level Course leader of Advanced Corporate Finance, Statistical Finance (MA), Introduction to Game Theory (BA), and Financial Economics (Ph.D.). Teaching Game Theory at Mathias Corvinus Collegium Doing research in Risk Management, Corporate Finance, Game Theory, General Equilibrium Theory.
Dates and number of months	February 2011 – May 2011, Since October 2012-
Employer / Commissioner	Game Theory Research Group, Centre for Economic and Regional Studies, Hungarian Academy of Sciences
Occupation or position held	Research fellow, since July 2016 Senior Research Fellow
Dates and number of months	March 2017 – April 2017, 2 months
Employer / Commissioner	Central European University
Occupation or position held	Teaching Information Economics (Ph.D.)
Dates and number of months	September 2012 -December 2012, 4 months
Employer / Commissioner	McDaniel College Budapest
Occupation or position held	Teaching Microeconomic Theory (BA)

Education and training

Dates	September 2004 – September 2008, 4 years
Title of qualification awarded	Ph.D. in economics
Principal subjects/occupational skills covered	Tutor and skills trainer of Microeconomics, tutor and planning group member of Design of Tax Systems in Problem Based Learning system. Supervisors: P. Jean-Jacques Herings and László Á. Kóczy Title of the thesis: "Risk management from a microeconomic perspective"
Name and type of organisation providing education and training	Maastricht University
Dates	September 2003- August 2004, 1 year
Title of qualification awarded	Ph.D. candidate
Principal subjects/occupational skills covered	Teaching Corporate Finance and Microeconomics Teaching Mathematical Economics at Mathias Corvinus Collegium Ph.D. courses in Microeconomics, Macroeconomics, Econometrics
Name and type of organisation providing education and training	Budapest University of Economic Sciences and Public Administration (BUESPA, now CUB)

Dates	September 1998 – July 2003, 5 years
Title of qualification awarded	MSc in Economics
Principal subjects/occupational skills covered	Majored as Investment Analyst Minor: Decision Economics
Name and type of organisation providing education and training	BUESPA(now CUB)

Personal skills and competences

Mother tongue **Hungarian**

Other language(s)

Self-assessment

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Proficient	C2	Proficient	C1	Proficient	C1	Proficient	C1	Proficient
German	B1	Intermediate level	B1	Intermediate level	B1	Intermediate level	B1	Intermediate level	B1	Intermediate level

(*) Common European Framework of Reference for Languages

Publications in international journals

Csóka, P., Herings P.J.J. (2019), Liability games. *Games and Economic Behavior,* 116, 260-268.

Csóka, P., Herings P.J.J. (2018), Decentralized clearing in financial networks. *Management Science*, 64 (10), 4681-4699.

Csóka P., Hevér J. (2018), Portfolio valuation under liquidity constraints with permanent price impact. *Finance Research Letters*, 26, 235-241.

Balog, D., Bátyi, T., Csóka, P., Pintér, M. (2017), Properties and comparison of risk capital allocation methods. *European Journal of Operational Research*, 259:(2), 614-625.

Csóka P. (2017), Fair risk allocation in illiquid markets. *Finance Research Letters*, 21, 228-234.

Csóka P., Pintér M. (2016), On the impossibility of fair risk allocation. *The B.E. Journal of Theoretical Economics*, 16 (1), 143-158.

Csóka, P., Havran, D., Szűcs, N. (2015) : Corporate financing under moral hazard and the default risk of buyers. *Central European Journal of Operations Research*, 23 (4), 763-778.

Csóka, P., Herings P.J.J. (2014), Risk Allocation under Liquidity Constraints. *Journal of Banking and Finance*, 49, 1-9.

Csóka, P., Herings, P.J.J., Kóczy, L.Á. (2011), Balancedness conditions for exact games. *Mathematical Methods of Operational Research*, 74, 41-52.

Csóka, P., Herings, P.J.J., Kóczy L.Á., Pintér M. (2011), Convex and Exact Games with Non-transferable Utility. *European Journal of Operational Research*, 209, 57-62.

Csóka, P., Herings, P.J.J., Kóczy, L.Á. (2009), Stable allocations of risk. *Games and Economic Behavior*, 67, 266-276.

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(8), 2517-2534.*

Working papers

Csóka, P., Illés, F., Solymosi, T. (2020), On the Shapley value of liability games.

Bihary, Zs., Csóka, P., Szabó, D.Z. (2018), Spectral risk measure of holding stocks in the long run.

Can, B., Csóka, P., Ergin, E. (2017), How to choose a non-manipulable delegation? IEHAS Discussion Papers 17013, Institute of Economics, Centre for Economic and Regional Studies, Hungarian Academy of Sciences.

Csóka, P., Herings P.J.J. (2017), An axiomatization of the proportional rule in financial networks. GSBE Research Memorandum 17/001, pp. 1-38.

Hungarian Publications

Csóka P., Kondor G. (2019): Delegációk igazságos kiválasztása társadalmi választások elméletével. *Közgazdasági Szemle*, LXVI. évf., (7-8), 771-787.

Csóka P.(2018): Az adósságelengedés modellezése kooperatív játékelmélettel. *Közgazdasági Szemle*, LXV. évf., (7-8), 768-779.

Bihary Zs, Csóka P., Kondor G. (2018): A részvénytartás spektrális kockázata hosszú távon. *Közgazdasági Szemle*, LXV. évf., (7-8), 687-700.

Csóka P. (2017): Az arányos csődszabály karakterizációja körbetartozások esetén. *Közgazdasági Szemle*, LXIV. évf., (3), 930-942.

Csóka P., Havran D. (2017): Konferencia a pénzügyi piacok likviditásáról - Beszámoló a Hetedik Éves Pénzügyi Piaci Likviditási Konferenciáról. Tudományos tájékoztató. *Hitelintézeti Szemle*, 16. évf., 1. szám, 195-196.

Csóka P., Havran D., Váradi K. (2016): Konferencia a pénzügyi piacok likviditásáról - Beszámoló a Hatodik Éves Pénzügyi Piaci Likviditási Konferenciáról. Tudományos tájékoztató. *Hitelintézeti Szemle*, 15. évf., 2. szám, 208-209.

Csóka P., Havran D., Váradi K. (2016): Konferencia a pénzügyi piacok likviditásáról. Tudományos tájékoztató. *Közgazdasági Szemle*, LXIII. évf., (4), 461-469.

Csóka P., Kiss Tamás (2015): Az összekapcsoltság hatása a rendszerkockázatra homogén bankrendszerben. *Szigma*, XLVI. év.1-2. sz. 1-16.

Csóka P., Havran D., Váradi K. (2015): Konferencia a pénzügyi piacok likviditásáról. Tudományos tájékoztató. *Közgazdasági Szemle*, LXII. évf., február, 222-224.

Csóka P., Havran D., Váradi K. (2014): Konferencia a pénzügyi piacok likviditásáról. Tudományos tájékoztató. *Közgazdasági Szemle*, LXI. évf., március, 324-334.

Csóka P., Havran D., Váradi K. (2013): Konferencia a pénzügyi piacok likviditásáról. Tudományos tájékoztató. *Közgazdasági Szemle*, LX. évf., április, 477-485.

Bíró P., Csóka P., Kóczy Á.L., Radványi A.,Sziklai B. (2013), Közgazdasági Nobel-emlékdíj 2012: Alvin E. Roth és Lloyd S. Shapley. *Magyar Tudomány*, 174. évf. 2. sz. 2013. 190-199.

Balog D., Bátyi T., Csóka P., Pintér M. (2012), Pénzügyi hálózatok modellezése Jackson és Watts (2002) nyomán. In: Solymosi T, Temesi J (szerk.) Egyensúly és optimum: tanulmányok Forgó Ferenc 70. születésnapjára. Budapest: Aula Kiadó, 2012. *pp. 151-168*

Balog D., Bátyi T., Csóka P., Pintér M. (2011), Tőkeallokációs módszerek és tulajdonságaik a gyakorlatban. *Közgazdasági Szemle*, LVIII. évf., július-augusztus, 619-632.

Balog D., Csóka P., Pintér M. (2010). Tőkeallokáció nem likvid portfoliók esetén. *Hitelintézeti Szemle*, 9. évfolyam, 6. szám, 604-616.

Szűcs N., Havran D., Csóka P. (2010), Információs paradoxon a vállalkozások hitelezésében nem fizető vevő esetén. *Közgazdasági Szemle,* LVII. évf., április, 318-336.

Csóka P. (2003): Koherens kockázatmérés és tőkeallokáció. *Közgazdasági Szemle*, L. évf., október, 855-880.

Awards, grants

2019-2022, János Bolyai Research Scholarship

May 2018 – February 2019,Researcher, Higher Education Institutional Excellence Program of the Ministry of Human Capacities in the framework of the 'Financial and Public Services' research project (1783-3/2018/FEKUTSTRAT)

September 2016-June 2018, Research Scholarship, New National Excellence Program of the Ministry of Human Capacities:

November 2016, Outstanding Publication Award, CUB, Corvinus Business School

September 2016-August 2020, Principal Investigator, K120035 Research Fund from the National Research, Development and Innovation Office (NRDIO): Analyzing financial networks using game theory

March, 2016, Excellent Researcher Scholarship, CUB

December 2015, Outstanding Publication Award, CUB, Corvinus Business School

2013-2018 Member of 109354 NRDIO Research Fund: Networks and externalities in the laboratory

September 2012-August 2016, Postdoctoral Scholarship, Hungarian Scientific Research Fund: Risk allocation in illiquid markets and in case of systemic risk

2012-2014: futurICT.hu, TÁMOP-4.2.2.C-11/1/KONV-2012-0013 :Risk allocation in illiquid markets and in case of systemic risk. Financed by the European Union and the European Social Fund

2014: COST Action ECOST-STSM-IC1205-180514-042381: Fair Risk Capital Allocation in Case of Systemic Risk, and COST Action ECOST-STSM-IC1205-231114-050928: Fair allocation in multilateral bankruptcy situations.

April 2011, Excellent Researcher Scholarship, CUB

March 2010, Young Researcher of the Year, CUB, Faculty of Economics and Business Administration

2010-2012 TÁMOP-4.2.1/B-09/1/KMR-2010-0005, 4. Knowledge economy/ 5. Managing innovations in networks – the role of ICT, member.

2010 N° EAC/47/2009 Feasibility study to examine the potential need for a student lending facility at European level. Financed by the European Commission Directorate-General for Education and Culture

March 2009, Excellent Researcher Scholarship, CUB

September 2004-August 2008: doctoral candidate, financed by METEOR, Maastricht University.

Editor, refereeing

Editorial Board Memberships:
Emerging Markets Review (2016-),
Finance Research Letters (2016-2020),
Journal of International Financial Markets, Institutions & Money (2016-),
Studies in Economics and Finance (2016-).

Refereeing: European Economic Review, Wiley Encyclopedia of Operations Research and Management Science, Mathematical Social Sciences, Közgazdasági Szemle, European Conference on Modelling and Simulation, Economic Modelling, Journal of Mathematical Economics, Advances in Operations Research, Journal of the Operational Research Society, Decisions in Economics and Finance, The B.E. Journal of Theoretical Economics, Journal of Statistical Mechanics: Theory and Experiment, European Journal of Operational Research, Journal of Banking and Finance, International Journal of Game Theory, Finance Research Letters, Insurance: Mathematics and Economics, Journal of Risk, Optimization Letters, Econometrica, Public Choice, Mathematical Methods of Operational Research, Annals of Operations Research. More details:
https://publons.com/author/1204894/peter-csoka#profile

Other activities

2017-2021 COST Action CA16228, European Network for Game Theory, Management Committee Substitute
2014-, Financial Research Centre, CUB, director
2012-, Corvinus lectures in finance, organizer

2012-, Annual financial market liquidity conference, Budapest: chair of the scientific committee, chair of the organizing committee (until 2016)
2012-, Game theory society, member
2012-, Hungarian Academy of Sciences, Committee of Economics, Subcommittee of Finance, secretary, since 2015 vice-president, since 2018 president.
2012-2016, M.Sc. in Actuarial and Financial Mathematics, director of the major in quantitative finance at CUB
2012, Spain-Italy-Netherlands series of meetings on Game Theory (SING8), member of the organizing committee
2010, János Bolyai Memorial Conference, organizer of the finance track
2010-, CUB Faculty of Business Administration, Research Committee, member.

Presentations

9 November 2019. An axiomatization of the proportional rule in financial networks. The Lisbon Meetings in Game Theory and Applications # 11, *Lisbon*.

2 July 2019. Bargaining over liabilities. 15th European (formerly Spain-Italy-Netherlands) Meeting on Game Theory (SING15), *Turku*.

12 June 2019. How to choose a fair delegation. Conference on Economic Design, *Budapest*.

17-19 June 2019. Spectral risk measure of holding stocks in the long run. Poster presentation, International Risk Management Conference, *Milan*.

25 June 2018. Portfolio valuation under liquidity constraints with permanent price impact. 25th Annual Conference of the Multinational Finance Society, *Budapest*.

16-17 November, 2017, Liability games. Annual Financial Market Liquidity Conference, *Budapest*.

6 July 2017, Bankruptcy games where the estate is a player. 13th European (formerly Spain-Italy-Netherlands) Meeting on Game Theory (SING13), *Paris*.

25 June 2017, Decentralized clearing in financial networks. Society for the Advancement of Economic Theory (SAET), *Faro*.

12-14 June 2017, An axiomatization of the proportional rule in financial networks. International Risk Management Conference 2017, *Florence*.

25 January 2017, An axiomatization of the proportional rule in financial networks. BAI-Winter, *Bangkok*.

12 January 2017, An axiomatization of the proportional rule in financial networks. 21st EBES Conference, *Budapest*.

17-18 November, 2016, An axiomatization of the proportional rule in financial networks. Annual Financial Market Liquidity Conference, *Budapest*.

25 July 2016, Decentralized clearing in financial networks. 5th World Congress of the Game Theory Society, *Maastricht*.

12 July 2016, Decentralized clearing in financial networks. 12th European (formerly Spain-Italy-Netherlands) Meeting on Game Theory (SING12), *Odensee*.

30 June 2016, Decentralized clearing in financial networks. The 13th Meeting of the Society for Social Choice and Welfare, *Lund*.

16 June 2016, Decentralized clearing in financial networks. BNU CERSHAS 6th International Conference on trade, labor economics, education economics and finance, *Budapest*.

20 April 2016, Decentralized clearing in financial networks. Maastricht Seminar in Economic Theory, Behavioral Economics, and Computation, *Maastricht*.

26 August 2015, Decentralized clearing in financial networks. East Asian Conference on Game Theory, *Tokyo*.

27 April 2015, Decentralized clearing in financial networks. Corvinus Game Theory Seminar, *Budapest*.

9 July, 2014, Risk capital allocation in networks. SING - European Meeting on Game Theory (SING10), *Kraków*.

9 June, 2014, Risk allocation under liquidity constraints. International Economic Association 17th World Congress, *Jordan*.

26 May, 2014, Risk capital allocation in networks. NEXT – Workshop on Networks and Externalities, *Budapest*.

30-31 January, 2014, Risk allocation under liquidity constraints. 19th Coalition Theory Network Workshop, *Brussels*.

22 July, 2013, Risk allocation under liquidity considerations. Society for the Advancement of Economic Theory (SAET), *Paris*.

8 July, 2013, Allocating systemic risk using cooperative game theory. Spain-Italy-Netherlands series of meetings on Game Theory (SING9), *Vigo*.

7 June 2013, Corporate financing under moral hazard and the default risk of buyers. NEXT – Workshop on Networks and Externalities, *Budapest*.

25-26 March, 2013, Risk allocation under liquidity considerations. 6th Financial Risks Internatinal Forum, *Paris*.

26 November, 2012, Risk allocation with liquidity considerations. Corvinus Game Theory Seminar, *Budapest*

14-15 November, 2012, Risk allocation under liquidity considerations. Annual Financial Market Liquidity Conference, *Budapest*

July 24, 2012, On the impossibility of fair risk allocation. 4th World Congress of the Game Theory Society, *Istanbul*

July 18, 2012, Risk allocation with liquidity considerations. Spain-Italy-Netherlands series of meetings on Game Theory (SING8), *Budapest*

March 9, 2012, Fair allocation of risk for illiquid portfolios. Conference on competitiveness research, *Budapest*.

November 10, 2011, Fair allocation of risk for illiquid portfolios. Liquidity Conference 2011, *Budapest*.

July 18, 2011, On the impossibility of fair risk allocation. Spanish Italian Netherlands Conference on Game Theory (SING7), *Paris*

December 20, 2010, On the impossibility of fair risk allocation. Conference of the Hungarian Economics Association (Magyar Közgazdaságtudományi Egyesület), *Budapest*

October 22, 2010, Measuring and allocating risk of illiquid portfolios. Liquidity Workshop 2010, *Budapest*.

September 1, 2010, Optimal capital allocation. János Bolyai Memorial Conference, Hungarian Academy of Sciences, *Budapest*

June 24, 2010, On the impossibility of fair risk allocation. Game theory seminar, *Tilburg*.

July 1-3, 2009, Balancedness conditions for exact games. Spanish Italian Netherlands Conference on Game Theory (SING5), *Amsterdam*.

June 25-28, 2008, Convex and exact games with non-transferable utility, Spanish Italian Netherlands Conference on Game Theory (SING4), *Wroclaw*.

June 13-15, 2008, Convex and exact games with non-transferable utility, 2008 European Workshop on General Equilibrium Theory, *Paestum*.

August 27-31,2007, Stable allocations of risk, EEA-ESEM 2007, *Budapest*.

August 22-24,2007, Stable allocations of risk, 2007 Summer workshop of the Institute of Economics, Hungarian Academy of Sciences (HAS), *Budapest*.

July 4-6, 2007, Risk allocation games with and without aggregate uncertainty, Spanish Italian Netherlands Conference on Game Theory (SING3), *Madrid*.

June 18-24, 2007, Risk allocation and totally balanced games, Society for the Advancement of Economic Theory (SAET) Conference on current trends in economics, *Kos*.

June 9-10, 2007, Risk allocation and totally balanced games, 2007 European Workshop on General Equilibrium Theory, *Warwick*.

June 26-28,2006, Coherent measures of risk from a general equilibrium perspective, 2006 Summer workshop of the Institute of Economics, HAS, *Budapest*.

June 14-17, 2006, Alexia and nucleolus as coherent risk allocation principles, Spanish Italian Netherlands Conference on Game Theory (SING2), *Foggia*.

May 20-21, 2006, Coherent measures of risk from a general equilibrium perspective, 2006 European Workshop on General Equilibrium Theory, *Lisbon*.

April 5, 2006, Risk management from a microeconomic perspective. Ph. D. colloquium, *Maastricht*.

October 21, 2005, Spectral measures of risk from a general equilibrium perspective. NAKE Day, *Amsterdam*