

Dr Krisztián KOPPÁNY

Curriculum Vitae

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CURRENT POSITION

2023- Associate professor, Széchenyi István University, Győr, Kautz Gyula Faculty of Business and Economics, Department of International and Theoretical Economics

2014-2023 Associate professor, deputy dean of corporate relations, Széchenyi István University, Győr, Kautz Gyula Faculty of Business and Economics, Department of International and Theoretical Economics

2013-2014 Assistant professor, deputy dean of corporate relations, Széchenyi István University, Győr, Kautz Gyula Faculty of Business and Economics, Department of International and Theoretical Economics

EDUCATION

2010 PhD in Economics, Faculty of Economics, University of Pécs, Hungary
Thesis: Central Bank Credibility and the Limits of Interest Rate Policy. Liquidity Trap and Deflationary Spiral: Theory and Reality

1999 MA in Economics, Széchenyi István University, Győr, Hungary

1997 BA in Economics, Széchenyi István College, Győr, Hungary

ACADEMIC EMPLOYMENT

1999-2013 Instructor, assistant lecturer, assistant professor, Széchenyi István University, Kautz Gyula Faculty of Economics, Győr, Hungary

2019-2023 Senior research fellow, Budapest Business School, University of Applied Sciences, Faculty of Finance and Accounting, Budapest, Hungary

2011, 2013 Lecturer, Budapest Business School, University of Applied Sciences, Faculty of Business Management, Zalaegerszeg, Hungary

RESEARCH TOPICS

Main/current: global value chains (GVCs); global, national and regional economic and environmental input-output modelling; volume and price input-output models, regional and macroeconomic impact analysis; input-output tables and social accounting matrices; sectoral structure and value chains of the Hungarian and the global economy; GO, GDP, growth, income, labour and environmental impacts of final demand, price transmissions; primary input and structural changes; structural decompositions, hypothetical extractions; regional

impact analysis for the city of Győr and its agglomeration (SZEconomy-GyőRIO model); supporting company and industrial development decisions, supporting trade policy decisions

Further/former: corporate risk analysis; controlling, business decision support; monetary macroeconomics: liquidity traps and deflationary spirals, central bank credibility; endogenous money theories

SELECTED PUBLICATIONS

(total 184, citations 273, Hirsch index 10, for a full list of publications and details see Hungarian Scientific Bibliography <https://m2.mtmt.hu/gui2/>, mtmt-ID: 10013806 or Appendix A; ORCID: 0000-0002-4235-5817; Scopus ID: 57190260040)

Books

2017 *Makrogazdasági és regionális hatáselemzés multiplikátor modellekkel. Hazai alkalmazásokkal és számpéldákkal, Excel környezetben. = Macroeconomic and Regional Impact Analysis with Multiplier Models in MS Excel: Hungarian Applications and Numerical Examples*, Széchenyi István University, Győr, Hungary, p. 255

Journal Articles

2023 **Koppány, Krisztián**; Vakhal, Péter; Pusztai, Pál. Hungary's inflationary exposures to global price movements. *SOCIETY AND ECONOMY* , 45 : 3 pp. 186-207. , 22 p. **Scopus Q3**

2023 Gáspár, Tamás; Sass, Magdolna; **Koppány, Krisztián**; Bi Shulei. Foreign trade relations of Hungary with China: A global value chain perspective. *SOCIETY AND ECONOMY* , 45 : 3 pp. 229-249. , 21 p. **Scopus Q3**

2023 Gáspár, Tamás; Sass, Magdolna; Vlčková, Jana; **Koppány, Krisztián**. Changes in automotive value chain participation on the integrated periphery – The case of Czechia and Hungary. *SOCIETY AND ECONOMY* , 45 : 3 pp. 335-354. , 20 p. **Scopus Q3**

2023 **Koppány, Krisztián**; Vakhal, Péter; Pusztai, Pál. Prices and Inflation in Global Value Chains: A global inflation-to-output price elasticity database with applications. *KÜLGAZDASÁG = EXTERNAL ECONOMIC BULLETIN* 67 : 1 pp. 1-48. , 48 p.

2022 **Koppány, Krisztián**; Vakhal, Péter. Az Ukrajna elleni háború globális értékláncokra gyakorolt hatásai = Effects of the war against Ukraine on global value chains. *KÜLGAZDASÁG = EXTERNAL ECONOMIC BULLETIN* 66 : 3-4 pp. 73-119. , 47 p.

2020 Gáspár, Tamás; **Koppány, Krisztián**. A globális értékláncok mérése nemzetközi ÁKM-ek alapján = Measuring global value chains by input-output tables. *STATISZTIKAI SZEMLE = HUNGARIAN STATISTICAL REVIEW* 98 : 9 pp. 1035-1065. , 31 p.

2020 **Koppány, Krisztián**. A kínai koronavírus és a magyar gazdaság kitettsége. Mit mutatnak a világ input-output táblák? = The Chinese Coronavirus Outbreak and the Exposure of the Hungarian Economy. *KÖZGAZDASÁGI SZEMLE = HUNGARIAN ECONOMIC REVIEW* 67 : 5 pp. 433-455. , 23 p.

2020 **Koppány, Krisztián**; Solt, Katalin; Hunyadi, Zsuzsanna. Fesztiválok gazdasági hatáselemzése = Economic Impact Analysis of Festivals. *KÖZGAZDASÁGI SZEMLE = HUNGARIAN ECONOMIC REVIEW* 67 : 6 pp.585-631. , 47 p.

2020 Kovács Z, Harangozó G, Szigeti C, **Koppány K**, Kondor A Cs, Szabó B. Measuring the impacts of suburbanization with ecological footprint calculations. *CITIES: THE INTERNATIONAL JOURNAL OF URBAN POLICY AND PLANNING* 101 Paper: 102715 **Scopus D1**

2018 Révész, Tamás; **Koppány, Krisztián**. A nemzetgazdasági modellekben szereplő mátrixok kétirányú kiigazítási módszereiről = Biproportional Matrix Adjustment for Multisectoral Macromodels. *SZIGMA* 49: 3-4 pp. 139-172. , 43 p. (WP version available in English: Koppány, Krisztián ; Révész, Tamás. Additive-RAS and other matrix adjustment techniques for multisectoral macromodels. Budapest, Magyarország : Centre for Public Administration Studies, Corvinus University of Budapest (2018) , 56 p.)

2018 **Koppány, Krisztián**. Mi lenne velünk az autóipar nélkül? Ágazataink nemzetgazdasági jelentőségének vizsgálata input-output táblákkal és hypothetical extractions módszerrel = What would we be like without the automotive industry? Examining the national significance of our industries with input-output tables and hypothetical extractions *SZIGMA* 49 : 1-2 pp. 11-38. , 28 p

2017 **Koppány, Krisztián**. Estimating Growth Contributions by Structural Decomposition of Input-Output Tables. *ACTA OECONOMICA* 67 : 4 pp. 605-642. , 38 p. **Scopus Q3**

2017 **Koppány, Krisztián**. A növekedés lehetőségei és kockázatai. Magyarország feldolgozóipari exportteljesítményének és ágazati szerkezetének vizsgálata, 2010–2014 = Growth Opportunities and Risks in Hungary's Industrial Mix and Export Performance, 2010-2014 *KÖZGAZDASÁGI SZEMLE = HUNGARIAN ECONOMIC REVIEW* 64 : 1 pp. 17-53. , 37 p.

2016 **Koppány, Krisztián**. Növekedési hozzájárulások számítása input-output táblák strukturális felbontása alapján = Estimating Growth Contributions by Structural Decomposition of Input-Output Tables. *STATISZTIKAI SZEMLE = HUNGARIAN STATISTICAL REVIEW* 94 : 8-9 pp. 881-914. , 34 p.

2016 Vörös, Tünde; Juhász, Mattias; **Koppány, Krisztián**. The Measurement of Indirect Effects in Project Appraisal. *TRANSPORTATION RESEARCH PROCEDIA* 13 pp. 114-123. , 10 p. **Scopus**

2011 **Koppány, Krisztián**. Vezethet-e a válság deflációs spirálhoz?: Modellszámítások a likviditási csapdában lévő Egyesült Államokra = Can the crisis lead to a deflationary spiral ? : Model calculations for the US in a liquidity trap *KÖZGAZDASÁGI SZEMLE = HUNGARIAN ECONOMIC REVIEW* 58 : 3 pp. 197-228. , 32 p.

2007 **Koppány, Krisztián**. Likviditási csapda és deflációs spirál egy inflációs célt követő modellben – a hitelesség szerepe = Liquidity Trap and Deflationary Spiral in an Inflation Targeting Model – The Role of Credibility. *KÖZGAZDASÁGI SZEMLE = HUNGARIAN ECONOMIC REVIEW* 54 : 11 pp. 974-1003. , 30 p.

Book Chapters

2017 **Koppány, Krisztián**. Estimating Contributions to GDP Growth by Structural Decomposition of Input-Output Tables, In: Anon (eds.) *Selected papers from the 2016 Conference of European Statistics Stakeholders* : Special Issue Luxembourg, Luxembourg : Publications Office of the European Union pp. 72-82. , 11 p.

SELECTED CONFERENCES

Panels Organized

2019 "Fitness, Health, and Work Performance". Professional Day for Health-Conscious Leaders Conference. Győr, Hungary, 15th October

Kautz Gyula Conference, Széchenyi István University, section chair, organisation of section and plenary presentations (several times)

Papers Presented

2016 "Estimating Contributions to GDP Growth by Structural Decomposition of Input-Output Tables" CONFERENCE OF EUROPEAN STATISTICS STAKEHOLDERS (CESS 2016), Eurostat, Hungarian Academy of Sciences, Budapest, 20-21 October

AWARDS AND HONOURS

2023 Terfort Ágoston Prize, Ministry of Culture and Innovation

2014 "University Lecturers in the Service of Students" Award, Széchenyi István University, Student Government

2011 "What would the employer acknowledge?" 1st prize, Tempus Public Foundation (winner: Controlling specialization, Complex Corporate Planning)

2009 "The best presentation and study of the section", IV. KHEOPS Scientific Conference, "Responsibility of the Science in the Economic Crisis". Mór, Hungary, 20th May

2008 Publications competition, Hungarian Academy of Sciences, Veszprém Academic Committee, 1st prize

GRANTS AND FELLOWSHIPS

2014-2017 Bolyai János Research Grant, Hungarian Academy of Sciences

1997 RÁBA Rt. FOUNDATION FOR HIGHER EDUCATION FOUNDATION scholarship for academic year 1997/1998

STUDY TRIPS AND VISITING RESEARCH

2018 Cambridge Econometrics, Cambridge UK

2003 Visiting researcher, National Bank of Hungary, Research Department

TEACHING EXPERIENCE

For a full list of subjects taught and supervised at Széchenyi University with years see Appendix B. Here, only the current and most important subjects (or subject groups) are listed.

Széchenyi István University, Győr, Hungary

BA courses

Microeconomics (ongoing, hun)

Business Analysis in Excel (ongoing, hun)

Economics (Economics I-II., Macroeconomics, International Economics, etc.) (former, hun)
Business and Controlling (Accounting I-II-III., Business Economics, Controlling, Controlling in Practice, Business Planning & Controlling, Data Management and Business Analysis in Excel, Reporting in Excel, Budgeting in Excel, Management Accounting, Company Valuation, Fundamental Analysis, Business Case Studies, Controlling Informatics, HR controlling
Entrepreneurship and labour market skills)

MA courses

Advanced Macroeconomics (ongoing, eng/hun)

Advanced Microeconomics, Insurance Maths etc. (former, hun)

Economics (Advanced Microeconomics I-II., Advanced Macroeconomics, Dynamic Economics, Monetary policy, Daily Economy and the Theory, etc.) (former, hun)

Insurance and Finance (Insurance Mathematics I-II. (Life/Non-Life), Financial Mathematics I-II., etc.)

MBA courses & postgraduate trainings

Data Analysis and Business Modelling (hun)

Controlling Reports in Excel (hun)

Complex Business Planning (Budgeting) in Excel (hun)

Macroeconomic Environment of Business (hun)

Other

Internship / professional training

Professional Seminar I-II.

Thesis supervision (For a full list of thesis supervisions from 2017 see Appendix C.)

Budapest Business School, University of Applied Sciences, Faculty of Finance and Accounting, Budapest, Hungary

BA courses

Controlling (hun)

Financial Controlling (hun)

Resource and performance controlling (hun)

MA courses

Design and Management of Controlling Systems (hun)

RESEARCH EXPERIENCE

2015- Széchenyi István University, Kautz Gyula Faculty of Business and Economics, Economic Modelling Research Group, Head of Research Group

2017-2020 Senior researcher, sub-topic leader, "Establishment of a Research Network on Sports, Recreation and Health Economics", EFOP-3.6.2-16-2017-00003, Széchenyi István University, assessment of the impact of sporting activities on health / fitness status and work performance in corporate field research

2017-2019 Senior researcher, "University and Industry Cooperation Center", GINOP-2.3.4-15-2016-00003, Széchenyi István University, senior researcher, macroeconomic and regional impact analysis, environmental input-output analysis

2017-2019 Senior researcher, "Innovative Solutions for Increasing the Efficiency of R&D in Zala County", EFOP-3.6.1-16-2016-00012, Budapest Business School, Festival Economics Research Group, Festival Economic Impact Analysis

2017-2019 Senior researcher, "More Efficient and Sustainable Construction Solutions with Risk Management and Technical Research Tools", GINOP-2.2.1-15-2016-00030, Széchenyi István University

2013-2014 Senior researcher, "Developing a Construction Risk Analysis Service" GOP-1.1.1-11-2012-0111, Széchenyi István University

2013-2014 Senior researcher, "Medic Sphere - Complex Health, Economic and Educational Use of Clinical Data with the Support of IT Tools", TÁMOP-4.2.2.A-11/1 / KONV-2012-0009, Budapest Business School

2013-2014 Senior researcher, „The Győr Vehicle Industry District as a New Direction and Tool of Regional Development”, TÁMOP-4.2.2.A-11/1 / KONV-2012-0010, Széchenyi István University

2002 Junior researcher, "Theory and Practice of Corporate Risk Management" handbook, OTKA T 032659, Széchenyi István University, mathematical-statistical methodological basis of risk management, methodological appendix

ROLE IN SCIENTIFIC ORGANIZATIONS AND COMMUNITY

2018- Tér-Gazdaság-Ember scientific journal, member of the editorial board

2014- International Input-Output Association, member

2011-2012 National Deposit Insurance Fund of Hungary, Deposit Insurance Scientific Consultative Forum, member

2011- Hungarian Academy of Sciences, 9th class, public member

2010- Hungarian Economic Modelling Association, member

TALENT MANAGEMENT SERVICE

2002- Educator, instructor, Kautz Gyula Vocational College for Economic Students, founder of the Fund for Kautz Gyula Vocational College for Economic Students.

DOCTORAL STUDENTS SUPERVISED AND GRADUATED

2019 Vörös Tünde