INNOVATION POLICY AND FISCAL GOVERNANCE

Dr. Olivér Kovács, Research Fellow, ICEG European Center, 11 Apáczai Csere János Str. H-1051, Budapest, Hungary. Email: okovacs@icegec.hu

ABSTRACT

There has been a heated debate about the effectiveness of fiscal consolidations in curbing debt overhangs but there is still little evidence on whether fiscal consolidation can support socio-economic development and growth. Since the state budget as a beacon captures where the given economy is and where it wants to go; pursuing sustainable development requires the state to have the necessary developmental potential from fiscal side. My research aims at exploring ***whether fiscal consolidation can have stabilising and dynamising functions at the same time*** *– in achieving fiscal sustainability, while cultivating the general growth capability of the economy through innovation – and if so,* ***what sort of theoretical explanatory framework may help us to unravel such consolidation for innovation policy-aware fiscal governance****. The research will be conducted in the spirit of analysing the state-of-the-art theoretical and empirical literature on fiscal sustainability and fiscal consolidations by calling for a more systemic approach to better understand non-Keynesian effects (i.e. growth effect of fiscal stabilisation in the short run, which can be interpreted as a trigger of dynamism) by incorporating the techno-economic paradigmatic context to bridge the gap between the theoretical and empirical explanations. The research will be pervaded by the view that the trust base of citizens towards governmental policies should be underpinned by innovation and smart adaptations in the public sector to reach out significant cost savings, better access to public services with increased service quality.*

INNOVATIVE RESEARCH IDEA

(i) The first innovative feature of my research proposal is that it elaborates **a system view** by making us able to transcend prevailing approaches. There is a disciplinarian narrowness in the literature in analysing fiscal consolidations. Studies regularly neglect the wider context of the innovation ecosystem of the given economy.

(ii) The second new-fangled feature is that it offers a decisive step towards **a fiscal policy that encapsulates the main features of techno-economic paradigms**, especially that of the *new economy*. Due to the systemic approach, one can get a better understanding of why some fiscal consolidations succeeded while others failed and why some episodes were associated (followed) with ameliorating economic growth even in the short run. I will decipher that fiscal policies need fiscal consolidations tailored towards the features of techno-economic paradigm. Thus, fiscal consolidation can contribute to the shift to the anew techno-economic paradigm by mitigating the probability of structural lock-in. The circle of automatic stabilisers will be refined as well.

(iii) The third new feature is its **interdisciplinary approach** by which the research will lead to the main principles of a new, innovative fiscal policy (i.e. an amalgam of relevant insights from various disciplines will be applied: 1) public finance, 2) development economics, 3) innovation and growth and 4) complexity science –related insights). The concept of innovative fiscal policy will enshrines the idea of making public sector itself to be more effective and innovative to increase societal welfare and trust when painful measures are inevitable.

BACKGROUND AND FOCUS

In the early 1990s, a group of Italian economists called the profession's attention to fiscal consolidations (non-Keynesian) being in conflict with the standard Keynesian view.[1] Still, the explanatory power of the theory of non-Keynesian fiscal consolidations is highly debated and insufficient. Prominent scholars hint only at "[...] several episodes in which spending cuts adopted to reduce deficits have been associated with economic expansions rather than recessions".[2] This is why I approach the issue as follows:

(i) The 2008 economic and financial crisis and its ensuing sovereign debt crisis and crisis management have revealed that neither the fiscal stimuli nor the fiscal austerity seemed to be a prospectively instructive way forward in the sense that both had a negative effect on economic growth.

(ii) The novelty of my approach is that it analyses the role of fiscal policy in the complex array of structural modernisation, i.e. in the shift to the new techno-economic paradigm (new economy: service sector dominated knowledge economy). I argue that fiscal consolidation with a

[1] Alesina, A.–Perotti, R. (1995): Fiscal Expansions and Adjustments in OECD Countries. *Economic Policy*, No. 21:207-247. | Giavazzi, F.–Pagano, M. (1990): Can Severe Fiscal Contractions Be Expansionary? Tales of Two Small European Countries. *NBER Macroeconomics Annual*, MIT Press, pp. 95-122. | Giavazzi, F.–Pagano, M. (1996): Non-Keynesian Effects of Fiscal Policy Changes: International Evidence and the Swedish Experience. *Swedish Economic Policy Review*, 3(1):67-112.

[2] See: Alesina and Ardagna (2010:5): http://scholar.harvard.edu/files/alesina/files/fiscaladjustments_lessons-1.pdf

macroeconomic development function can serve as a significant catalyst of the transformation into the new economy. My narrative is imbued with the conviction that instead of consolidating mechanistically to the numerical deficit and debt-to-GDP targets mostly considered as optimal and sustainable, fiscal policy should resort to fiscal consolidation which takes into account the current economic and social structure and constructs its composition intelligently and in a context-dependent way. Transformative power can be cultivated if public sector itself pursues innovation whereby the quality of public services together with the accessibility can be improved to counterbalance the trust-worsening character of a fiscal consolidation. I will conduct illustrative in-depth case studies on Finland and Portugal and shorter ones on Denmark and Ireland to demonstrate my reasoning. Additionally, I will map the European arena about how innovative are the public sectors and will identify the key enablers and challenges as well. In this way, I will draw important lessons for a more innovative European fiscal governance.

METHODOLOGY

My research will use **quantitative as well as qualitative** data and information. **Deep and comprehensive literature review** (i.e. an amalgam of theoretical and empirical literature on complexity and integration-related economic literature) will be accompanied with **analyses** using publicly available and official statistics (e.g. Eurostat, World Development Indicators, OECD etc.) and widely used indexes relevant for my purposes (e.g. World Governance Indicators, Global Innovation Index; Policy Uncertainty Index; Edelman's Trust Barometer, Standard Eurobarometer, TrendChart etc.). My line of thinking will be as follows:

(i) as fiscal policy becomes more disciplinarian, fiscal illusion (the ability of government to conduct popular measures to win elections at the expense of indebtedness) should lose grounds;
(ii) then fiscal policy will have more financial resources to be allocated towards fields like R&D&I;
(iii) such resources can be transmogrified into improving multi-factor productivity and improved absorptive capacity of the innovation ecosystem for knowledge creation, sharing and utilisation.

To capture the economies' ability to produce and utilise knowledge, the World Bank's Knowledge Economy Index will be used. I will illustrate the relationship between the quality of fiscal governance – captured by the degree of fiscal illusion – and the degree of knowledge-base. With good fiscal governance (i.e. being able to spend more on innovation and R&D in supporting private sector), unlocking the potential of the new economy seems to be more efficient. To this end, I will use the examples of Finland, Denmark and Ireland, while Portugal will be analysed as the negative case. Additionally, innovation will be analysed in case of the public sector. Approximately 30 semi-structured interviews will be conducted covering the cases analysed as well as the European Commission level.

OUTPUT

Beyond 2 peer-reviewed papers published, by June 2017, the final output can be a monograph to be used in domestic (Hungarian) or international education. By showing and describing the transformative power of fiscal consolidation as well as the fact that innovative governance requires innovative fiscal policy and a public sector recognising the *inevitable* aspect of *innovation*, our monograph will provide much added value to the already existing books that have fallen short in having a systemic view (e.g. Blanchard, O. J. – Romer, D. – Spence, M. – Stiglitz, J. E. (2012): In the Wake of the Crisis. Leading Economists Reassess Economic Policy. MIT Press; Reinhart, C. M. – Rogoff, K. (2011): A Decade of Debt. Peterson Institute Press: All Books, Peterson Institute for International Economics, Washington D. C.). The very indicative chapters are as follows:

I. Introduction
II. The Economics of (Fiscal) Sustainability
III. The Economics of Fiscal Consolidations
IV. Explanatory Framework – The Transformative Power of Fiscal Consolidation
    a. Techno-Economic Paradigmatic Shifts
    b. Innovation Policy and Fiscal Governance in Supporting the Shift to the New Economy
    c. Illustrative Case Studies
        i. Finland – Stability, Dynamism, Structural Change
        ii. Portugal – Instability, Slow March, Structural Conservation
V. The Concept of Innovative Fiscal Policy
VI. The Role of Public Sector Innovation
VII. Conclusions - On the Road to Innovative European Governance

Since I am a member of the Committee on World Economics and Development Studies at the Hungarian Academy of Sciences, the dissemination can take place at the Academy as well.

PERSONAL INFORMATION

Olivér István Kovács



Hungary

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oliverkovacs.com

Sex Male | Date of birth 09/09/1983 | Nationality Hungarian

WORK EXPERIENCE

2009- **Research Fellow**

ICEG European Center – www.icegec.org – 11 Csörsz Street, H1123 Budapest HUNGARY

- Areas of research: macroeconomics, fiscal policy, innovation policy. Major tasks: economic research and analysis, research project management

Business or sector Social sciences and economic research and consultancy

MEMBERSHIP

2015- **Economics and Law Section of the Hungarian Academy of Sciences, Committee on World Economics and Development Studies**

Hungarian Academy of Sciences, 1051 Budapest, Széchenyi István sqr. 9

EDUCATION AND TRAINING

2009-2013 **Ph.D in Economics (Summa cum laude)**

University of Debrecen, Doctoral School of Economics, Debrecen, Competitiveness, Globalisation and Regionalism Doctoral Programme

ISCED 6

September 2003 – July 2008 **M.Sc. of Economics**

University of Debrecen Faculty of Economics, Debrecen

economics, economic policy, European Union

ISCED 5

2002-2003 **System Engineer, Network Engineer (CISCO CCNA)**

Mechwart András Vocational Secondary School of Engineering and Information Technology / CISCO Local Academy

ISCED 5

1998-2002 **Informatics**

Mechwart András Vocational Secondary School of Engineering and Information Technology

ISCED 4

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PERSONAL SKILLS

Mother tongue(s): Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
	Proficient user				
German	C2	C2	C2	C2	C2
	Proficient user				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills: Creativity, individual working, future oriented thinking, group working, joint research with foreign research organisations

Job-related skills: knowledge on econometric programmes (eviews, Stata, SPSS)

Computer skills: Operation of web pages, computer literacy (MS Office), webdesign

Awards, scholarships: April 2009: Special prize on National Student Research Competition (Debrecen). Theme: Political Economy. Title: Message Home - Fiscal Sustainability and Consolidation In European Panorama

Ányos Jedlik Scholarship for Doctoral Candidates in the Convergence Region 2013-2014, National Excellence Program TÁMOP 4.2.4.A

Driving licence: category B

MAIN PROJECTS

Title of the project: **INNOVER EAST - Building a more effective pathway leading from research to innovation through cooperation between the European Union and Eastern Partnership countries in the field of energy efficiency**
FP7-Grant Agreement No.: 609570

Duration (from –to): 01.06.2014 – 31.05.2017

Client/Donor: European Commission under the 7th Framework Programme

Tasks, type of work: The 36-month INNOVER-EAST project targets five countries of the Eastern Partnership of the European Union (in short, EPCs: Armenia, Azerbaijan, Belarus, Georgia and Ukraine) to overcome the bottlenecks of innovation and intensify the level of cooperation between research and business in the target countries. My role is to be responsible for Work Package 1 (WP1), and prepare relevant scientific papers through the lens of innovation ecosystems: (i) the conceptual framework and the methodology of five national studies are to be prepared by myself; (ii) an in-depth analysis will be prepared on the present national state of innovation in Eastern Partnership Countries participating in the project in the field of energy efficiency, with special focus to identify major bottlenecks of innovation.

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Title of the project	**ÁROP 1.1.15 – Improving the Public Sector's Efficiency from the Aspect of Competitiveness**
Duration (from –to)	January 2013-December 2013
Client/Donor	Office of Public Administration and Justice
Tasks, type of work	The project aimed at developing innovative and novel instruments and measures with the pro-active participation of relevant stakeholders, moreover, to make these developments a reality in the fields of public administration as well as public service provision by cultivating innovation and thus the emergence of a wide range of opportunities towards efficiency gains. The project explored the innovation potential being inbuilt into the organisational units and individuals in the public sector. The project offered best practices to be followed and contextualised based upon available and decipherable international evidence. In this way, training and educational materials were able to be developed, elaborated and disseminated.
Title of the project	**Analysis of Innovation Drivers and Barriers in Support of Better Policies (INNO-GRIPS)**
Duration (from –to)	2010-2013
Client/Donor	DG Enterprise and Industry, European Commission
Tasks, type of work	The main objective of the project was to provide analysis and intelligence on policy developments worldwide on specific topics relating to innovation and innovation policy. The project embraced 2 Policy Briefs on specific topics regarding innovation policy, 2 Newsletters covering general topics on innovation policy and 2 Workshops to discuss the findings of the Policy Briefs and/or other ad hoc topic as well.
Title of the project	**Forecasting Export-Import of Hungary up to 2030 (TÁMOP 2.3.2-09/1-2009-0001)**
Duration (from –to)	May 2011 – July 2011
Client/Donor	Institute of Economics Hungarian Academy of Sciences
Tasks, type of work	The study aimed at unfolding the export-import potential of Hungary by incorporating the national, regional and worldwide developments. The paper outlined different scenarios that can happen with consideration of a cautious economic thinking.
Title of the project	**National Sustainable Development Strategy: The development of foreign and domestic debt after the regime change of Hungary – and the possibilities for prudence debt management**
Duration (from –to)	19.02.2010 – 31.05.2010
Client/Donor	Office of the Hungarian National Assembly
Tasks, type of work	This contribution attempted to show what kind of fiscal policy behaviour was dominant after the regime change with its intended and unintended consequences on deficits and debts. Moreover the paper underpinned the importance of the further consolidation and structural reforms in order to be feasible the sustainability.
Title of the project	**Quarterly analysis on the development of FDI and OFDI in Hungary**
Duration (from –to)	01.04.2010-10.04.2010
Client/Donor	ITD Hungary Monitor
Tasks, type of work	The analysis aimed to be illustrated the major changes in the Hungarian trends and tendencies of FDI and OFDI in 2009.
Title of the project	**Emerging Market Global Players (EMGP)**
Duration (from –to)	October 2009 –
Client/Donor	The Vale Columbia Center on Sustainable International Investment - Columbia University
Tasks, type of work	ICEG European Center as a Hungarian research partner of Columbia University is interested in the contribution to the better understanding of the new so-called EMGP phenomenon. The experience of the past shows that FDI predominantly flows from developed countries to less developed countries, but over the past two decades the role of emerging economies is more and more significant. As far as the developing countries concerned the emergence of substantial outward FDI from developing countries by multinational enterprises (MNEs) is observable.

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Title of the project	**IMD World Competitiveness Yearbook**
Duration (from –to)	on yearly basis (since 2009)
Client/Donor	IMD World Competitiveness Center
Tasks, type of work	The Yearbook published by the global business school IMD (based in Switzerland) has become a leading annual report on the world's most competitive economies. The study analyses and ranks a nation's ability to create and maintain an environment which would sustain the competitiveness of enterprises. Since 2009, Olivér Kovács as research fellow at ICEG EC has been IMD's partner in covering Hungary. ICEG EC is involved in the survey and data gathering part of the process along with other international partners. The country assessments are based upon statistical data and questionnaire surveys filled out by business leaders. The ranking data and detailed database of the countries are commonly used by governments, as well as the business and academic sectors throughout the world.

MAIN PUBLICATIONS

Title	**Talent-competitiveness of Hungary – Decline without „Fleurs du Mal"**
Author/Co-author	Olivér Kovács
Place of publication	Society and Economy, Vol. No. pp.
Date	2016 (forthcoming)

Title	**Benczes, István (ed.) (2014): Deficit and Debt in Transition. The Political Economy of Public Finances in Central and Eastern Europe. Central European University Press, Budapest, 250 p.**
Type of the publication	Book Review
Author/Co-author	Olivér Kovács
Place of publication	Külgazdaság, Vol. No. pp.
Date	2016 (forthcoming)

Title	**Member State Integration Models – New Dimensions of Economic Governance in the European Union**
Type of the publication	Conference Review
Author/Co-author	Olivér Kovács
Place of publication	Financial and Economic Review, Vol. 15., No. 1. pp. 165-169
Date	2016

Title	**The Hungarian Agony over Eurozone Accession**
Author/Co-author	Olivér Kovács
Place of publication	Magone, J. M. – Laffan, B. – Schweiger, C. (eds.) (2016): Core-Periphery Relations in the European Union. Power and Conflict in a Dualist Political Economy. Routledge, London. Chapter 16, pp. 231-250.
Date	March 2016

Title	**A magyar différance (The Hungarian Différance)**
Author/Co-author	Olivér Kovács
Place of publication	Köz-Gazdaság, Vol. 10., No. 4, pp. 145-166
Date	December 2015

Title	**White Paper: Moldova. Transfer of Know-how for Small and Mid-size Businesses in Georgia, Moldova and Ukraine**
Author/Co-author	Magdolna Sass – Olivér Kovács – Renata Anna Jaksa – Lidis Garbovan – Gábor Hunya
Place of publication	CASE Network Report No. 122
Date	June 2015

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Title	**Hungarian Multinationals in 2013 – A Slow Recovery after the Crisis?**
Author/Co-author	Magdolna Sass – Olivér Kovács
Place of publication	Columbia Center on Sustainable Investment, A Joint Center of Columbia Law School and the Earth Institute, Columbia University
Date	March 2015

Title	**Hungary and the Eurozone – The Need for a More Systematic Approach**
Author/Co-author	Olivér Kovács
Place of publication	In: Schweiger, C. – Magone, J. (eds.) (2015): The Effects of the Eurozone Sovereign Debt Crisis Differentiated Integration between the Centre and the New Peripheries of the EU. Routledge, Chapter 11
Date	February 2015

Title	**Kołodko, G. W. (ed.) (2014): Management and Economic Policy for Development. Nova Science Publishers, New York. (*Review*)**
Author/Co-author	Olivér Kovács
Place of publication	Society and Economy, Vol. 37., No. 1. pp. 132-136
Date	2015

Title	**A Systemic Narrative of Hungarian Eurozone Accession**
Author/Co-author	Olivér Kovács
Place of publication	The Polish Quarterly of International Affairs, No. 3, pp. 49-68
Date	December 2014

Title	**Grzegorz W. Kołodko (ed.) (2014): Management and Economic Policy for Development. Economic Issues, Problems and Perspectives. NOVA Science Publishers, Inc. New York, 2014. (*Review*)**
Author/Co-author	Olivér Kovács
Place of publication	Külgazdaság, Vol. 58., No. 9-10 pp. 108-115.
Date	2014 (September-October)

Title	**Hungary and the Eurozone – The Need for a More Systemic Approach**
Author/Co-author	Olivér Kovács
Place of publication	Perspectives on European Politics and Society, Taylor&Francis, Routledge
Date	May 2014

Title	**Temin, P. – Vines, D. (2013): The Leaderless Economy: Why the World Economic System Fell Apart and How to Fix It. Princeton University Press (*Review*)**
Author/Co-author	Olivér Kovács
Place of publication	Acta Oeconomica, Vol. 64., No. 1 pp. 121-127
Date	March 2014

Title	**Alapok a versenyképesség modern értelmezéséhez – Magyarország versenyképességének alakulás / Fundamentals of modern competitiveness – The Hungarian Path (In Hungarian)**
Author/Co-author	Olivér Kovács
Place of publication	ICEG Vélemény No. 35
Date	February 2014

Title	**Endogenously Increasing Uncertainties And Governance**
Author/Co-author	Olivér Kovács
Place of publication	TIGER Working Paper Series No. 130
Date	January 2014

Title	**A Snapshot of the Leading Hungarian Multinationals 2011**
Author/Co-author	Magdolna Sass – Olivér Kovács
Place of publication	Columbia University, Vale Columbia Center on Sustainable International Investment
Date	September 2013

Title	**Black Swans or Creeping Normalcy? – An Attempt to a Holistic Crisis Analysis**
Author/Co-author	Olivér Kovács
Place of publication	Eastern Journal of European Studies, Vol. 4., No. 1 pp. 127-143
Date	June 2013

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Title	**Fiscal Sustainability in the Lights of a Political Economic Theory in Practice: The Case of Hungary**
Author/Co-author	Olivér Kovács
Place of publication	ICEG European Center Working Paper No. 27
Date	November 2013

Title	**An International IT Service Firm – A Case Study on Workplace Innovation**
Author/Co-author	Olivér Kovács
Place of publication	In: Makó, Cs. – Polónyi, I. – Szanyi, M. – Ujhelyi, M. (2013): Organizational and Institutional Innovation and Enterprise Clusters as Sources of Competitiveness. Competitio Books, Issue 13th pp. 25-57
Date	2013

Title	**An Innovative High Growth SME. Case Study of NEXON - The Role of Non-Technological Innovation in a Payroll, Labour and HR Management Firm in Hungary**
Author/Co-author	Olivér Kovács – Ágnes Orosz
Place of publication	In: Makó, Cs. – Polónyi, I. – Szanyi, M. – Ujhelyi, M. (2013): Organizational and Institutional Innovation and Enterprise Clusters as Sources of Competitiveness. Competitio Books, Issue 13th, pp. 58-79
Date	2013

Title	**Policy Brief on "Policies Supporting Innovation in Public Service Provision"**
Author/Co-author	Olivér Kovács
Place of publication	European Commission, DG Enterprise and Industry
Date	2012 (September)

Title	**MOL Group, the petrol company, continues to lead the ranking of Hungarian multinationals**
Author/Co-author	Magdolna Sass – Olivér Kovács
Place of publication	Columbia University, Vale Columbia Center on Sustainable International Investment
Date	2012 (April)

Title	**The Concept of Innovative Fiscal Policy: Theory and Empirical evidence**
Author/Co-author	Olivér Kovács
Place of publication	Competitio, Vol. 2
Date	2011

Title	**Innovative Fiscal Policy in the Context of Sustainability**
Author/Co-author	Olivér Kovács
Place of publication	Trends and Future of Sustainable Development Conference Proceedings
Date	2011

Title	**Policy Brief on "Policies in Support of Service Innovation"**
Author/Co-author	Olivér Kovács (principal author)
Place of publication	DG Enterprise and Industry, PRO INNO Europe® INNO-Grips II
Date	2011

Title	**István Benczes – Gábor Kutasi (2010): Költségvetési pénzügyek. Hiány, államadósság és fenntarthatóság (Public finance. Deficit, debt and sustainability) (*Review*)**
Author/Co-author	Olivér Kovács
Place of publication	Közgazdasági Szemle, Vol. 58. pp. 383-387.
Date	2011

Title	**A fiskális fenntarthatóság közgazdaságtani megalapozottsága (The economic justification of fiscal sustainability)**
Author/Co-author	Olivér Kovács
Place of publication	Valóság, Vol. XIV, No. 3
Date	2011

Title	**Thrown-up Stone? Facts and Trends in the XXIst Century.**

Type of the Publication	Conference Review
Author/Co-author	Olivér Kovács
Place of publication	Public Finance. Quarterly, Vol. 56., No. 3. pp. 388-394.
Date	2011

Title	**Innovation Leaders with Different Outcome**
Author/Co-author	Olivér Kovács – Ágnes Orosz
Place of publication	The Annals of the University of Oradea, Department of International Affairs,
Date	2011

Title	**Hungary's Global Players – A Strong Presence in their Neighbourhood in 2009**
Author/Co-author	Magdolna Sass – Olivér Kovács
Place of publication	In: Sauvant, K. P. – Govitrikar, V. P. – Davies, K. (ed.) (2011): MNEs from Emerging Markets: New Players in the World FDI Market. Vale Columbia Center, Columbia University, New York
Date	2011

Title	**Fiskális fenntarthatóság és konszolidáció – Portugália és Finnország ellentmondásos esete. (Fiscal sustainability and consolidation – The contradictory case of Finland and Portugal)**
Author/Co-author	Olivér Kovács
Place of publication	Köz-Gazdaság, Vol. 5. No. 2. pp. 167-188
Date	2010

Title	**Felsőoktatási innovációk gazdasági hasznosítása – elmélet és gyakorlat**
Author/Co-author	Olivér Kovács – Ágnes Orosz
Place of publication	In: Polónyi István (ed.): Az akadémiai szféra és az innováció. (The Academic Sphere and Innovation). Új Mandátum, Budapest.
Date	2010

Title	**A tudománypolitika lehetőségei a felsőoktatási innováció gazdasági hasznosulásában (On the Opportunities of the Science Policy in Favour of Economic Realisation of Innovation in Higher-education)**
Author/Co-author	Olivér Kovács – Ágnes Orosz
Place of publication	In: Ágnes Kotsis – István Polónyi (ed.): Innováció és felsőoktatás (Innovation and higher-education), Competitio Könyvek, Issue 8. pp. 9-53
Date	2010

CONFERENCES/WORKSHOP ATTENDANCES

Title	**A Systemic Narrative to the Hungarian Eurozone Accession**
Role	Speaker
Location	The Polish Institute of International Affairs, ul. Warecka 1a, 00-950 Warsaw, Poland
Date	13 November 2014

Title	**Centre-Periphery Relations as an Emerging Cleavage In European Politics And Policy-Making? Empirical Studies on Differentiated Integration (International Conference).**
Role	Speaker
Location	Berlin School of Economics and Law, Badensche Strasse 50-51, 10825 Berlin, Germany
Date	11-12 October 2013

Title	**Crisis in the Eurozone: Slovak Experiences with the Common Currency (International Workshop)**
Role	Speaker
Location	Bajkalská 25, Bratislava, Slovakia
Date	22 November 2013

Title	**Policies Supporting Innovation in Public Service Provision. INNO-Grips Workshop**
Role	Organiser, Speaker
Location	Vienna, Austria
Date	19 June 2012

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Title	**Szolgáltatás innováció az Európai Unióban – Út az európai növekedés és megújulás irányába.**
Role	Speaker
Location	Gazdasági alapkérdések, diagnózisok és gyógymódok – Innováció a szolgáltatási szektorban – Elméleti szempontok, gyakorlati példák. Budapesti Gazdasági Főiskola Külkereskedelmi Kar.
Date	23 November 2011

Title	**STRESS TEST of European Innovation**
Role	Participant
Location	Øksnehallen, Halmtorvet 11, 1700 Copenhagen, Denmark
Date	24 October 2012

Title	**IMD World Competitiveness Yearbook 2011**.
Role	Speaker
Location	Gazdasági alapkérdések, diagnózisok és gyógymódok – Mit mérnek a versenyképességi indexek? Budapesti Gazdasági Főiskola Külkereskedelmi Kar
Date	6 October 2011

Title	**Innovative Fiscal Policy in the Context of Sustainability. Trends and Future of Sustainable Development**
Role	Speaker
Location	Tampere, Finland
Date	9-10 June 2011

Title	**Policies in Support of Service Innovation. INNO-Grips Workshop**
Role	Organiser, Speaker
Location	Budapest, Hungary
Date	30 May 2011

Title	**Comments on "Fiscal Adjustment and the Costs of Public Debt Service: Evidence from OECD Countries" by Christoph A. Schaltegger / Martin Weder. 4th Workshop on Political Economy**
Role	Discussant
Location	Dresden, Germany
Date	19-20 November 2010