



## Program

### 5<sup>th</sup> Workshop on Efficiency in Education

“Efficiency in education and performance measurement in public sector”

Budapest, Hungary

October 19<sup>th</sup> and 20<sup>th</sup>, 2017

#### Venue

Centre for Economic and Regional Studies of the Hungarian Academy of Sciences  
Research Building of Human Sciences (MTA Humán Tudományok Kutatóháza)  
Budapest, Tóth Kálmán u. 4, 1097. Hungary ([see map](#)).

#### October 19

8:00-9:00 - Registration

9:00-9:15 – Opening statements/welcome (Dr. Daniel Horn, CERS HAS)

9:15-10:15 - Plenary 1 (Dr. Carla Haelermans, Maastricht University)

“Efficiency and Effectiveness in Dutch Secondary Education”

10:15-10:30 – coffee break

10:30-12:30 – Session 1 (1/a and 1/b, 4 pres each, 30 min each)

12:30-13:30 - Lunch

13:30-15:00 – Session 2 (2/a and 2/b, 3 pres each, 30 min)

15:00-15:30 – coffee break

15:30-17:00 – Session 3 (3/a and 3/b, 3 pres each 30 mins)

17:00-17:30 – coffee break

17:30-18:30 – Plenary 2 (Dr. Mika Kortelainen, VATT Institute for Economic Research)

“Value-Added Differences of High Schools: Evidence from Finland”

19:00-22:00 – Workshop dinner (A38 – pontoon by the Petőfi bridge)

#### October 20

9:00-11:00 – Session 4 (4/a and 4/b, 4 pres each 30 mins)

11:00-11:30 – coffee break

11:30-12:30 – Plenary 3 (prof. Diego Prior, Universitat Autònoma de Barcelona)

“A selective long run assessment of the schools’ efficiency”

12:30-12:45 – Closing (notes on the EdEN project and future events)

12:45-13:45 – Lunch and farewell

**Parallel sessions**

<b>oct 19</b>			<b>oct 20</b>
10:30-12:30 – Session 1	13:30-15:00 – Session 2	15:30-17:00 – Session 3	9:00-11:00 – Session 4
1/a	2/a	3/a	4/a
<b>Noncognitive traits, prefereness, bias</b> (chair Melvin Vooren)	<b>Efficiency considerations</b> (chair Vitezslav Titl)	<b>Public funding, issues</b> (chair Finn R Førsund)	<b>Labor market, regionality, spillovers</b> (chair Ana Camanho)
Tomáš Protivínský (Daniel Münich)	Simona Ferraro (Kaire Pöder)	Giovanna D'Inverno (Kristof De Witte, Wim Moesen)	Alexey Egorov (Oleg Leshukov, Alexander Gromov)
Gender Bias in Teachers' Grading: What is in the Grade	Is there a Trade-off between Efficiency and Equity in Education?	Municipal performance and government size: Evidence from Flanders	The role of universities in economic development of Russian regions
Kaire Pöder (Triin Lauri)	Jill Johnes (Dr Deborah Allcock, Dr Swati Virmani)	Alejandra Chavez	Jasmina Berbegal Mirabent (Esteban Lafuente, Krisztina Horváth)
Discrimination or explained differences: individual and school level effects explaining achievement gap in Russian schools of Estonia and Latvia	Efficiency and VC pay: Exploring the value conundrum	Public expenditure on education, health and PROSPERA in Mexico, 2011-2014: an efficiency study	Universities, manufacturing specialization and the consolidation of knowledge-based sectors: A test of the knowledge spillover theory of entrepreneurship
Emma García (Henry M. Levin)	Vitezslav Titl (Kristof De Witte and Benny Geys)	Finn R Førsund (Sverre A. C. Kittelsen, Dag Fjeld Edvardsen)	Ole Henning Nyhus
Cognitive Skills, Noncognitive Skills and Job Requirements: a Simultaneous Equations Analysis of the Returns to Skills in the U.S. using PIAAC	The Efficiency Implications of Political Connections	On the Development of the Optimal Scale of a Production Unit: The Case of Norwegian Institutions of Higher Education	Unskilled labor demand and high school graduation
Melvin Vooren (Carla Haelermans, Wim Groot, Henriette Maassen van den Brink)			Ana Camanho (Luisa Varriale)
Employer Preferences for IT-retrainees: Evidence from a Discrete Choice Experiment			The influence of school type on educational performance: performance trends in Italian upper secondary schools

<b>oct 19</b>			<b>oct 20</b>
1/b	2/b	3/b	4/b
<b>Methodologies</b> (chair Geraint Johnes)	<b>Education system performance</b> (chair Mikhail Lisyutkin)	<b>Efficiency, effectiveness</b> (chair Giannis Karagiannis)	<b>Policy impact</b> (chair Emmanuel Thanassoulis)
Dovile Stumbriene (Ana S. Camanho, Audrone Jakaitiene)	Kristof De Witte (Subal Kumbhakar and Oleg Badunenko)	Sabine Gralka (Tommaso Agasisti)	Mara Soncin (Tommaso Agasisti, Giovanni Azzone, Alice Bertolotti)
The Construction of Composite Indicators for Monitoring the Performance of Education Systems	The persistent effect of funding for disadvantaged students. Evidence from a Stochastic Frontier Model	Innovating Efficiency Analysis in Higher Education: A Cross-Country Comparison of Transient and Persistent Inefficiency	Assessing the performance of Massive Online Open Courses - an empirical case study of POK (PoliMi Open Knowledge) experience, 2014/15
Fritz Schiltz (Chiara Masci, Tommaso Agasisti, Daniel Horn)	Alice Bertolotti (Tommaso Agasisti)	Louis Lévy-Garboua (Marco Gazel and Muniza Askari)	Jacek Liwinski
Using Machine Learning to Model Interaction Effects in Education: A Graphical Approach	Which factors affect Higher Education performance? An empirical study of country-level performance using SEM (Structural Equation Model)	An Experimental Comparison of the Efficiency of School Systems	The Impact of Compulsory Schooling on Earnings. Evidence from the 1999 Education Reform in Poland
Geraint Johnes (Mike Tsionas)	Mikhail Lisyutkin (E.Shibanova, T. Agasisti)	Giannis Karagiannis	Carmen Aina (Koray Aktas, Giorgia Casalone)
Network Stochastic Frontier Analysis	The Efficiency of the Universities Participating in Russian Excellence Initiative "Project 5-100"	Measuring research effectiveness in higher education using stratified or tiered BOD	Does a reform on regulation of teaching activity impact on academic outcomes? Evidence from Italy
			Emmanuel Thanassoulis (Sotiros D., Koronakos G., Despotis D.)
			Assessing the Cost-Effectiveness of University Academic Recruitment and Promotion Policies