

Workshop on Efficiency in Education, Health and other Public Services Thursday, September 5th & Friday, September 6th

VENUE

Politecnico di Milano – Bovisa Campus
Department of Management, Economics and Industrial Engineering
Via Raffaele Lambruschini 4/B
20156 Milano, Italy
<https://maps.app.goo.gl/CjzXAyerrtkmLfbi6>
Rooms: Sala Consiglio, 0.18, 0.19

Workshop Program - Thursday, September 5th

Time	Activity
9:00-9:45	Registration
9:45-10:15	Welcoming <i>Location: Main hall – Sala Consiglio</i>
10:15-11:15	<i>Keynote speech by Roberto Ricci, INVALSI</i> <i>“A key issue for our future: basic skills as a means of accessing the digital world”</i> <i>Location: Sala Consiglio</i>
11:15-11:40	Coffee break <i>Location: Spazio Kaleidos</i>
11:40-13:10	Parallel sessions I
13:10-14:10	Lunch break <i>Location: Spazio Kaleidos</i>
14:10-15:40	Parallel sessions II
15:40-16:40	<i>Keynote speech by Jose M. Cordero Ferrera, University of Extremadura</i> <i>“Evaluating educational efficiency from a comparative perspective using data from international large-scale assessments”</i> <i>Location: Sala Consiglio</i>
16:40-17:00	Coffee break <i>Location: Spazio Kaleidos</i>
17:00-18:30	Parallel sessions III

20:00 Dinner @Osteria Dal Verme
Via Jacopo dal Verme, 19, 20159 Milano MI
<https://maps.app.goo.gl/3xQFh6iPD3sqPqEs6>

Workshop Program - Friday, September 6th

Time	Activity
09:30-10:30	<i>Keynote speech by Sylke V. Schnepf, Joint Research Centre, European Commission “The European Commission's Joint Research Centre: examples on how research provides evidence for supporting policy making” Location: Sala Consiglio</i>
10:30-11:00	Coffee break <i>Location: Spazio Kaleidos</i>
11:00-13:00	Parallel sessions IV
13:00-14:00	Lunch break <i>Location: Spazio Kaleidos</i>

The workshop is organized in collaboration with the EFFECT project. EFFECT is funded by the European Commission in its Horizon Europe framework (grant 101129146).



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Parallel sessions I – Thursday September 5 h11:40-13:10

EFFEct I – Enhancing efficiency and effectiveness in education Room: Sala Consiglio	Public services I Room: 0.18	Primary and secondary education Room: 0.19
Labor Market Outcomes of Religious versus Non-Religious Schooling: Evidence from Administrative Population Data Emanuel Hentes , Deni Mazrekaj, and Tanja van der Lippe	Unlocking Innovation: Patent or not Patent Strategies for Efficient Agri-Food Management Chiara Colamartino , Patricia Laurens and Pierluigi Toma	The impact of primary school math skills on academic achievement in lower secondary schools Melisa Diaz Lema , Chiara Masci, Mara Soncin and Tommaso Agasisti
Stakeholder perspectives on school performance Eszter Salamon , LucaLászló and Maral Nuridin	Pending Cases and Court Efficiency. The case of Italy & Portugal Antonio Peyrache, Maria Silva and Angelo Zago	A two-levels clustering tool to evaluate student-specific country effect on education Chiara Masci and Andrea Capozzo
The Irish Department of Education Wellbeing Framework for Practice: Objectives and Experiences Caoimhe Dempsey and Selina McCoy	Efficiency of Danish museums and state funding allocation Antonella Basso , Andrea Baldin, Trine Bille and Stefania Funari	Gender and Socioeconomic Disparities in Early School Leaving: Evidence from EU-SILC Microdata Iván Vicente , Kristof De Witte, José Manuel Pastor and Ángel Soler



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Parallel sessions II – Thursday September 5 h14:10-15:40

Higher Education I	Evaluation frameworks in education	Methodological advancements
Room: Sala Consiglio	Room: 0.18	Room: 0.19
Construction of a dataset on knowledge creation and patents by European Higher Education Institutions (KC-HEI) Aleksandra Parteka, Piotr Płatkowski, Sabina Szymczak and Joanna Wolszczak-Derlacz	Applying a cost-effectiveness analysis on the MTSS framework: proposal for a general methodology Nadir Altinok , Ariane Baye and Dylan Dacht	Weight-share restrictions in Benefit-of-the-Doubt composite indicators Panagiotis Ravanos , Giulio Caperna and Giannis Karagiannis
Decoding university-industry partnerships: A neural network approach Carlos Plata, Alejandro Casallas and Jasmina Berbegal-Mirabent	How to assess ICT in education: a conceptual framework Giulia Vaiani , Mara Soncin and Tommaso Agasisti	Understanding the impact of environmental factors on productivity: Introducing the Conditional Order-m Malmquist Productivity Index Marc Aliana , Diego Prior and Emili Tortosa-Ausina
What is the Relationship between the Heterogeneity of the Non-Academic staff and the Performance of European Universities? Alessandro Avenali, Cinzia Daraio, Simone Di Leo and Joanna Wolszczak-Derlacz	Rethinking EU-level goals: Different strategies to improve national performance toward the European Education Area strategic framework Dovilė Stumbrienė , José L. Ruiz and Inmaculada Sirvent	Innovative Benefit-of-the-Doubt models for performance assessment and target setting in the European Union 2030 education strategy Ana Camanho , Fernando Osório, Flávia Barbosa and Giovanna D'Inverno



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Parallel sessions III – Thursday September 5 h17:00-18:30

EFFEct II – Enhancing efficiency and effectiveness in education Room: Sala Consiglio	Public services II Room: 0.18
Social and gender differences in the long term effect of studying for the test Daniel Horn	From outlier to sustainability identification in nonparametric performance analysis: A review and path forward Ahmed-Youssef Oukassou , Raluca Parvulescu, Nicky Rogge and Marijn Verschelde
Artificial Intelligence, Digital Skills and Productivity: Opportunities and Challenges for Education Iulia Siedschlag and Selina McCoy	Comparison Between Ratio-Data Models: A New Model with an Application to Italian Penitentiaries Giovanni Cesaroni
The Effect of Funding for Disadvantaged Students on Academic Underachievement Oleg Badunenko, Deni Mazrekaj, Subal C. Kumbhakar and Kristof De Witte	Vertical transfers, political alignment, and efficiency in local government Emili Tortosa-Ausina , Isabel Narbón-Perpiñá, Diego Prior and Maria Teresa Balaguer-Coll



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Parallel sessions IV – Friday September 6 h11:00-13:00

Higher Education II	EFFECT III – Enhancing efficiency and effectiveness in education	Healthcare
Room: Sala Consiglio	Room: 0.18	Room: 0.19
Digital Footprints and Academic Success: Exploring the Relationship Between Higher Education Students' Behaviors on Online Platforms and Performance Lidia Rossi , Tommaso Agasisti and Alex J. Bowers	Beyond School Types: The Effect Of Elite Education On Short-Term Outcomes Rebeka Eva Cook and Daniel Horn	What is the difference between specialisation and diversity in hospitals? Investigating their relationship with hospital efficiency. Ginevra Giuliani and Simone Gitto
University non-academic professionals and organisational efficiency: in search of interdependencies Daria Platonova, Tatiana Akuneeva, Pavel Serebrennikov, Tommaso Agasisti and Alexey Egorov	ICT for supporting school efficiency and effectiveness: a review of the literature Giovanni Antonini and Tommaso Agasisti	Hospital competition Paola Bertoli, Emanuele Bracco , Jose Escarce and Paolo Pertile
Evaluating the Efficiency of European public universities: the role of different funding allocation mechanisms Gaetano Francesco Coppeta and Tommaso Agasisti	How does ICT affect school efficiency? Evidence from OECD PISA 2022 Mara Soncin and Tommaso Agasisti	The impact of Recovery Plans on Italian hospital productivity: integrating moderation and mediation Rossana Fulgenzi and Simone Gitto
	Effectiveness of Investment in Education and Training in the European Union Iulia Siedschlag and Juan Duran	The impact of digital technologies on hospital labour productivity growth Rossana Fulgenzi and Simone Gitto



List of participants

Last name	First name	Institution
Agasisti	Tommaso	Politecnico di Milano
Aliana	Marc	Universitat Autònoma de Barcelona
Altinok	Nadir	Université de Lorraine
Andersson	Christian	Blekinge Institute of Technology
Antonini	Giovanni	Politecnico di Milano
Balaguer-Coll	Maria Teresa	Universitat Jaume I
Basso	Antonella	Ca' Foscari University of Venice
Berbegal-Mirabent	Jasmina	Universitat Politècnica de Catalunya
Bracco	Emanuele	University of Verona
Camanho	Ana	University of Porto
Cesaroni	Giovanni	Universitas Mercatorum
Choudhury	Pradeep Kumar	Jawaharlal Nehru University
Colamartino	Chiara	LUM Giuseppe Degennaro University
Conceição	Diogo	LEER, KU Leuven
Cook	Rebeka Eva	HUN-REN KRTK Institute of Economics
Coppeta	Gaetano Francesco	Politecnico di Milano
De Witte	Kristof	KU Leuven
Dempsey	Caoimhe	Economic and Social Research Institute, Ireland
Diaz Lema	Melisa	Politecnico di Milano
Fries	Carlos Ernani	Universidade Federal de Santa Catarina
Fulgenzi	Rossana	Sapienza University of Rome
Gitto	Simone	University of Siena
Giuliani	Ginevra	Department of Information Engineering and Mathematics, University of Siena
Granato	Silvia	JRC European Commission
Hentes	Emanuel	Department of Sociology, Utrecht University
Horn	Daniel	HUN-REN KRTK and Corvinus
Kassaballi	Zouhier	University of Erfurt
Masci	Chiara	Politecnico di Milano
Oukassou	Ahmed-Youssef	IESEG School of Management
Ravanos	Panagiotis	European Commission, Joint Research Centre, Italy
Rossi	Lidia	Politecnico di Milano
Salamon	Eszter	Parents International
Siedschlag	Iulia	Economic and Social Research Institute Dublin
Soncin	Mara	Politecnico di Milano
Stumbriene	Dovile	Vilnius University
Tortosa-Ausina	Emili	Universitat Jaume I
Vaiani	Giulia	Politecnico di Milano



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