



**POLITECNICO
MILANO 1863**



PhD symposium
Efficiency in Education – concepts, techniques and results
Politecnico di Milano School of Management

Local organizer: prof. Tommaso Agasisti (tommaso.agasisti@polimi.it)

Venue: Department of Management, Economics and Industrial Engineering, via Lambruschini 4b, 20156 Milano (MI), Italy

*** Event realized within the framework of the EdEN Project ***

Academic Program

Day 1 – Monday, October 17th, 2016

14.30 – 15.00	Introduction to the Course	<i>Tommaso Agasisti,</i> Politecnico di Milano
15.00 – 18.00	The relevance of efficiency measurement for educational management and policy – a European perspective Suggested reading: Agasisti T. (2016). Efficiency measurement and education policy. Report prepared for the European Commission. Joint Research Centre (JRC) at Ispra, DDG.01 Econometrics and Applied Statistics Contract number 199455_2015	<i>Tommaso Agasisti,</i> Politecnico di Milano <i>Giuseppe Munda,</i> Joint Research Centre (JRC), European Commission
18.15 – 19.15	Welcome drink and social event	

Day 2 – Tuesday, October 18th, 2016

09.30 – 11.00	<p>The measurement of efficiency in education: theory and concepts</p> <p>Parametric versus non parametric methods for evaluating the efficiency in education</p> <p>Suggested reading: Johnes, J. (2004). Efficiency measurement. International Handbook on the Economics of Education, chapter 16.</p>	<i>Tommaso Agasisti,</i> Politecnico di Milano
11.00 – 13.00	<p>Laboratory: estimating efficiency through R – an empirical example</p> <p>Suggested reading: Agasisti, T., & Wolszczak-Derlacz, J. (2015). Exploring efficiency differentials between Italian and Polish universities, 2001–11. Science and Public Policy, scv026.</p>	<i>Joanna Wolszczak-Derlacz,</i> Gdansk University
13.00 – 14.30	Lunch	
14.30 – 16.00	Defining and measuring efficiency through the use of Management tools	<i>Michela Arnaboldi,</i> Politecnico di Milano
16.00 – 18.00	<p>Paper presentation and discussion</p> <p>“An application of Activity Based Costing (ABC) techniques to the performance of universities’ administrative services”</p> <p>Suggested reading: Arena, M., Arnaboldi, M., Azzone, G., & Carlucci, P. (2009). Developing a performance measurement system for university central administrative services. Higher Education Quarterly, 63(3), 237-263.</p>	<i>Michela Arnaboldi,</i> Politecnico di Milano
19.30 – 22.00	Social Dinner	

Day 3 – Wednesday, October 19th, 2016

09.30 – 11.30	<p>Paper presentation: What we know about the measurement of efficiency in the educational field – an updated literature survey</p> <p>Suggested reading: De Witte, K., & López-Torres, L. (2015). Efficiency in education: a review of literature and a way forward. <i>Journal of the Operational Research Society</i>..</p>	<i>Kristof De Witte, KU Leuven</i>
11.30 – 13.00	Laboratory: writing an academic paper in the field of education efficiency	<i>Tommaso Agasisti, Politecnico di Milano</i> <i>Kristof De Witte, KU Leuven</i>
13.00 – 14.30	Lunch	
14.30 – 16.30	<p>From traditional efficiency analysis to recent advancements in non parametric and semi-parametric measurement of efficiency (with applications to educational institutions)</p> <p>Suggested reading: Daraio, C., & Simar, L. (2007). <i>Advanced Robust and nonparametric methods in efficiency analysis: methodology and applications</i>. Springer Science & Business Media.</p>	<i>Cinzia Daraio, Sapienza University of Rome</i>
16.30 – 18.00	<p>Paper presentation and discussion “conditional efficiency measurement in practice – an application using micro data about European universities”</p> <p>Suggested reading: Daraio, C., Bonaccorsi, A., & Simar, L. (2015). Rankings and university performance: A conditional multidimensional approach. <i>European Journal of Operational Research</i>, 244(3), 918-930.</p>	<i>Cinzia Daraio, Sapienza University of Rome</i>
18.00 – 19.00	Concluding remarks	<i>Tommaso Agasisti, Politecnico di Milano</i> <i>Daniel Horn, Research Center for Economic and Regional Studies, Hungarian Academy of Science</i>

Practical information

The training sessions and workshop take place at Politecnico di Milano School of Management. Participation is free for members of the EdEN-network.

Other interested parties are invited to participate as well and will be charged a fee of 200 Euro for training material, coffee breaks and lunches. They can participate in the training programme, provided the maximum number of participants (30) is not exceeded.

All participants are requested to notify Mara Soncin and Tommaso Agasisti of their willingness to participate before 02 September 2016 with an e-mail-message to mara.soncin@polimi.it and tommaso.agasisti@polimi.it (they will create the link between prospective participants and the administrative personnel at PoliMi).

For selection purposes, non-EdEN-members are requested to include in their e-mail-message a short note (not exceeding 600 words) on (a) their motivation to participate and (b) their affiliation and current position. All interested parties will be notified of selection by Tuesday 09 September 2016.

Local Organisers

Prof. Tommaso Agasisti and eng. Mara Soncin

Meeting of Board of EdEN

On the evening of October 19th, a meeting of the Board of EdEN will take place. Place and hours will be timely communicated to the interested participants (proff. Daniel Horn, Joris Ghysels and Kristof De Witte).