Mini-course “Topics in Empirical Industrial Organization”\(^1\)

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**Synopsis**

This crash/refresh course on Topics in Empirical IO aims to provide the participants with an overview of some of the state-of-the-art econometrics tools for analyzing industrial market outcomes. We will cover the main methodological issues arising in the estimation of demand systems, and in the estimation of production functions, wrapping up with a bird’s-eye view of the empirical analysis of dynamic oligopoly games. Applications drawn from the Empirical IO literature will illustrate the methodological discussions.

**Schedule/Format**

*Schedule:* 25 July 2017 (the day preceding the ERMAS 2017 conference); 10.00-13.00 and 15.00-18.00  
*Format:* 2 lectures x 3 hours  
*Lecture 1.* Introduction. Demand estimation.  

**Prerequisites**

Basic microeconomics, basic econometrics (at master level).

**Registration**\(^2\)

Deadline: 20 July 2017, via the host institution’s links:  

**Course venue**

Faculty of Economics and Business Administration (FSEGA), Babes-Bolyai University (UBB)  
Teodor Mihali street, no. 58-60  
400591, Cluj-Napoca, Romania  
*Room 102*

**Recommended reading list**

Registered course participants will be provided with digital copies of the articles in the far-from-exhaustive set following below. The more red \(^*\) stars preceding it, the higher priority of reading through that article before the course (more stars indicate reviews/ surveys; one star indicates an application to be discussed).

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\(^2\) The host institution, UBB-FSEGA, is in charge with registering all the course participants (and publicizing the course). Should the online registration links above malfunction, please email the coordinator of the local organizers at cristian.litan@econ.ubbcluj.ro.
Review of basic Empirical IO concepts

***Ackerberg, D., C. Lanier Benkard, S. Berry, and A. Pakes (2007) “Econometric tools for analyzing market outcomes”, Handbook of Econometrics 6: 4171–4276. NB. This article appears listed in all the subsequent course parts from below.


Estimation of demand systems


Estimation of production functions


Estimation of dynamic oligopoly games

