

EUI Ph.D. Programme 2021/2022

Advanced Industrial Organization

Syllabus

Web Site TBA

Professor: Giacomo Calzolari (email: giacomo.calzolari@EUI.eu)

Office Hours: By appointment

Credits. Full credit.

Teaching Block II

Material: available on Brightspace

TA: TBA

IMPORTANT: Classes will be recorded.

Aim of the course. Students attending this course will acquire a thorough knowledge of how firms interact in non-competitive markets and how they may gain and exploit a competitive advantage. A general introduction will be provided, and some specific topics will be further explored (see list below). Although the course is mainly based on models, some empirical applications will be discussed.

This year there will be no empirical IO classes in this course as we had a specific course on Empirical IO.

List of topics (not all covered)

1. Introduction, benchmark market structure, standard models, product differentiation
2. Collusion and algorithmic pricing
3. Vertical restraints and contracts
4. Platforms
5. Consumer search and market outcomes
6. Economics of data: Privacy and competition with data
7. IO Models of banks competition
8. Relational contracts

Competition policy will be a common thread in the topics.

Prerequisites. You are expected to be familiar with the material covered in the 1st year sequence of microeconomics.

Teaching method. There will be 10 2-hs lectures.

Examination policy. The grading will be based on a written referee report. Read [this](#) for writing reports in economics, <https://www.aeaweb.org/content/file?id=222>

Reading material. A very useful evergreen is *The Theory of Industrial Organization* (1988). Jean Tirole. MIT Press. For some topics also, *Industrial Organization: Markets and Strategies* (2010). P. Belleflamme and M. Peitz. Cambridge University Press. Other material is listed below for specific topics.

Bibliography

See the bibliography file.

List of papers for Referee reports.

The list will be available at some point during the course. Papers are assigned according to “first come first served” (to reserve a paper write an email to the TA). Students can propose related theoretical papers only in exceptional circumstances.