

Ph.D. in Economics and Management
University of Padua
January-February 2022

Economics of Information, 20 hours

Instructor: dott. Edoardo Grillo.

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- Office hour: by appointment (virtual or in presence)

Topics:

- Introduction to the Economics of Information and the theory of incentives (½ lecture).
- Principal-agent model: baseline model (1 and ½ lecture).
- Adverse selection in principal-agent models (2 lectures).
- Moral hazard in principal-agent models (2 lectures).
- Mixed models of adverse selection and moral hazard in principal-agent models (1 lecture).
- Contracts dynamics (1 lecture).
- Models of signalling and refinements (1 lecture).
- Incentives and mechanism design (1 lecture).
- Auction theory (time permitting).

Logistic:

- Classes will take place in room 46 in Via Ugo Bassi, 1.
- Timetable for Lectures:
 - January: 19th (2h), 20th (2h), 26th (2h), 27th (2h).
 - February: 2nd (2h), 3rd (2h), 9th (2h), 10th (2h), 16th (2h), 17th (2h).

Textbooks:

- Laffont, J.J, Martimort, D. *The Theory of Incentives: the principal-agent model*, Princeton University Press, 2009.
- Mas-Colell, Whinston and Green, *Microeconomic Theory*, Oxford University Press 1995, Chapters 13, 14, 23.

Other useful books:

Bolton, P., Dewatripont M. *Contract Theory*, MIT press, 2004.