

Econ 414-3: Economics of Information

Northwestern University, Winter 2021

Time: 11:00-12:50 Tue/Thu

Location: zoom

Office hours: by appointment

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1 Logistics

Zoom lectures are taxing, so we will divide each 110 minute lecture into two halves:

- 11 to 11:50
- 10 min break
- 12 to 12:50

2 Schedule

2.1 Contracting for information and delegation

1. Krishna and Morgan (2008), Goltsman et al. (2009)
2. Amador et al. (2006), Amador and Bagwell (2013), Guo (2016)
3. Armstrong and Vickers (2010), Frankel (2014)

2.2 Dynamic mechanisms

1. Linking incentives: Rubinstein (1979), Jackson and Sonnenschein (2007)
2. Optimal mechanisms (I): Athey and Bagwell (2001), Miralles (2012)
3. Optimal mechanisms (II): Fernandes and Phelan (2000), Grenadier et al. (2016)

2.3 Information design

1. Rayo and Segal (2010), Kamenica and Gentzkow (2011), Alonso and Câmara (2016)
2. Privately informed receiver: Kolotilin et al. (2017), Guo and Shmaya (2019a)
3. Dynamics: Kremer et al. (2014), Che and Hörner (2017)
4. BCE and its applications: Bergemann and Morris (2016b), Bergemann et al. (2015)

2.4 Robust mechanism design

1. Worst-case payoff: Carroll (2015), Carroll (2019)
2. Worst-case regret: Guo and Shmaya (2019b), Guo and Shmaya (2020)

Requirement

Students are required to read all papers, submit two “referee reports” and make a 50 minute presentation.

References

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- Steven R. Grenadier, Andrey Malenko, and Nadya Malenko. Timing decisions in organizations: Communication and authority in a dynamic environment. *American Economic Review*, 106(9):2552–81, September 2016.
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- Emir Kamenica and Matthew Gentzkow. Bayesian persuasion. *American Economic Review*, 101(6):2590–2615, 2011.
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