

MINI-COURSE

Networks and Markets

October 15th - 17th, 2014Professor: Sanjeev Goyal, Christ's College, *University of Cambridge*

Sanjeev Goyal is a pioneer and leading international scholar in the study of social and economic networks.

His book, 'Connections: an introduction to the economics of networks', was published in 2007 by Princeton University Press. A Chinese translation appeared in 2010.



CONTENT AND REFERENCES

Social and economic connections shape our choices; the awareness that connections matter leads us in turn to invest in them. These investments give rise to networks of friendship and co-authorship, the World Wide Web, collaborations among firms, international alliances, and many other networks. These networks have profound implications for the functioning of markets. The lectures provide an overview of recent research on the economics of networks.

Lecture 1: Foundations**Lecture 2: Economic Networks and Markets****Lecture 3: Markets and Social Networks****Lecture 4: Conflict, epidemics and security**

Book:

Sanjeev Goyal (2007) *Connections: an introduction to the economics of networks*. Princeton University Press.

Papers:

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Goyal, Sanjeev & Joshi, Sumit. Networks of collaboration in oligopoly. *Games and Economic Behavior* 43 (2003) 57–85.

Goyal, Sanjeev & Moraga-González, José Luis. R & D Networks. *The RAND Journal of Economics*. Vol. 32, No. 4 (Winter, 2001), pp. 686-707.

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Pantz, Katinka & Ziegelmeyer, Anthony. Collaborative Networks in Experimental Triopolies. Preliminary draft.

Rosenkranz, Stephanie & Weitzel, Utz. Network structure and strategic investments: an experimental analysis. Discussion Paper Series: nr: 08-24.