

---

---

"Social network research in economics: theoretical, empirical, and experimental"

ABSTRACT: In my talk, I will rely on three instances of my own research to illustrate the nature of network research in economics at three different levels: theoretical, empirical, and experimental. The theoretical part will focus on the analysis of a large network economy from the point of view of general market equilibrium, with an emphasis on its production side. The empirical part will discuss how to bring the previous theoretical model to bear on the microscopic data currently available from modern economies -- in particular, I will refer to work done with data that includes all transactions among Spanish firms in the last decade. Finally, the last part will discuss a field experiment (a random controlled trial) being conducted in Africa on the impact of social networks (in particular, the range, scope, and diversity it embodies) on entrepreneurship, as measured by the quality of the business ideas generated.

---

---

Photo



---

---

Bio

Fernando Vega-Redondo is Professor of Economics at Bocconi University. He has also taught at the Universities of Alicante (Spain), Pompeu Fabra (Barcelona, Spain), Essex (UK), Cornell (USA), and the European University Institute (Florence, Italy). He is the author of several books such *the Complex Economic Networks* (Cambridge University Press, 2006), *Economics and the Theory of Games* (Cambridge University Press, 2003), and *Evolution, Games, and Economic Behavior* (Oxford University Press, 1996). He has written around one hundred articles in professional journals, in the fields of economics, game theory, biology, physics, and multidisciplinary. He is currently a co-editor of *Network Science* and associate editor of *Games and Economic Behavior*, *International Journal of Game Theory*, and the *Journal of Complex Networks*. He has supervised more than twenty doctoral researchers. He received his Ph. D. from the University of Minnesota in 1984.

---

---

Link: [URL:www.igier.unibocconi.it/vegaredondo](http://www.igier.unibocconi.it/vegaredondo)