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Biography

Fernando Vega-Redondo is Full Professor of Economics at Università Bocconi. He also taught at the Universities of Alicante, Pompeu Fabra, Essex, Cornell, and the European University Institute.

His research has largely focused on the theory of games and its economic applications, with a special emphasis on issues of bounded rationality, learning, and evolution. His recent work is devoted to understanding the interplay between individual behavior and the evolution of social networks in large and complex environments. He is the author of several books including the Complex Economic Networks (2006), Economics and the Theory of Games (2003), and Evolution, Games, and Economic Behavior (1996).

Fernando got an MSc in Economics from the Complutense University of Madrid and a PhD from the University of Minnesota.

ARTICLES IN SCHOLARLY JOURNALS

KUHLMAN C. J., KORKMAZ G., RAVI S. S., VEGA-REDONDO F.

Theoretical and computational characterizations of interaction mechanisms on Facebook dynamics using a common knowledge model

Social Network Analysis and Mining, 2021, vol.11, no. 1

FERI F., MELÉNDEZ-JIMÉNEZ M. A., PONTI G., VEGA-REDONDO F., YU H.

Pooling or fooling? An experiment on signaling

Journal of Economic Behavior & Organization, 2020, vol.176, pp.582-596

POLANSKI A., VEGA-REDONDO F.

Coalition bargaining in repeated games

International Economic Review, 2018, vol.59, no. 4, pp.1949-1967

DUERNECKER G., VEGA-REDONDO F.

Social Networks and the Process of Globalization

Review of Economic Studies, 2018, vol.85, no. 3, pp.1716-1751

VEGA-REDONDO F., POLANSKI A.

Bargaining frictions in trading networks

The B.E. Journal of Theoretical Economics, 2017, vol.18, no. 1

BRUMMITT C., HUREMOVIC K., PIN P., BONDS M., VEGA-REDONDO F.

Contagious disruptions and complexity traps in economic development

Nature Human Behavior, 2017, vol.1, no. 9, pp.665-672

VEGA-REDONDO F., CABRALES A., GOTTARDI P.

Risk-sharing and contagion in networks

Review of Financial Studies, 2017, vol.30, no. 9, pp.3086-3127

CURRARINI S., MATHESON J., VEGA-REDONDO F.

A simple model of homophily in social networks

European Economic Review, 2016, vol.90, pp.18-39

IZQUIERDO L. R., IZQUIERDO S. S., VEGA-REDONDO F.

Leave and let leave: A sufficient condition to explain the evolutionary emergence of cooperation

Journal of Economic Dynamics and Control, 2014, vol.46, pp.91-113

VEGA-REDONDO F.

Network organizations

Journal of Complex Networks, 2013, vol.1, no. 1, pp.72-82

FERI F., MELÉNDEZ-JIMÉNEZ M. A., PONTI G., VEGA-REDONDO F.

Error cascades in observational learning: An experiment on the Chinos game

Games and Economic Behaviour, 2011, vol.73, no. 1, pp.136-146

GALEOTTI A., VEGA-REDONDO F.

Complex networks and local externalities: A strategic approach

International Journal of Economic Theory, 2011, vol.7, no. 1, pp.77-92

GONZÁLEZ-AVELLA J. C., EGUÍLUZ V. M., MARSILI M., VEGA-REDONDO F., SAN MIGUEL M., MORENO Y.

Threshold Learning Dynamics in Social Networks

Plos One, 2011, vol.6, no. 5, pp.e20207

ARENAS À., CABRALES A., DANON L., DÍAZ-GUILERA A., GUIMERÀ R., VEGA-REDONDO F.

Optimal information transmission in organizations: search and congestion

Review of Economic Design, 2010, vol.14, no. 1-2, pp.75-93

FOSCO C., MARSILI M., VEGA-REDONDO F.

Peer Effects and Peer Avoidance: The Diffusion of Behavior in Coevolving Networks

Journal of the European Economic Association, 2010, vol.8, no. 1, pp.169-202

GALEOTTI A., GOYAL S., JACKSON M. O., VEGA-REDONDO F., YARIV L.

Network Games

Review of Economic Studies, 2010, vol.77, no. 1, pp.218-244

SCHWEITZER F., FAGIOLO G., SORNETTE D., VEGA-REDONDO F., VESPIGNANI A., WHITE D. R.

Economic Networks: The New Challenges

Science, 2009, vol.325, no. 5939, pp.422-425

GOYAL S., VEGA-REDONDO F.

Structural holes in social networks

Journal of Economic Theory, 2007, vol.137, no. 1, pp.460-492

EHRHARDT, MARSILI, VEGA-REDONDO F.

Emergence and Resilience of Social Networks: A General Theoretical Framework

Annales d'Économie et de Statistique, 2007, vol.86, pp.1-13

MARSILI M., VEGA-REDONDO F., SLANINA F.

The rise and fall of a networked society: A formal model

Proceedings of the National Academy of Sciences of the Usa (Pnas), 2004, vol.101, no. 6, pp.1439-1442

GUIMERÀ R., DÍAZ-GUILERA A., VEGA-REDONDO F., CABRALES A., ARENAS A.

Optimal Network Topologies for Local Search with Congestion

Physical Review Letters, 2002, vol.89, no. 24

BHASKAR V., VEGA-REDONDO F.

Asynchronous Choice and Markov Equilibria

Journal of Economic Theory, 2002, vol.103, no. 2, pp.334-350

VEGA-REDONDO F.

Unfolding Social Hierarchies

Journal of Economic Theory, 2000, vol.90, no. 2, pp.177-203

KARANDIKAR R., MOOKHERJEE D., RAY D., VEGA-REDONDO F.

Evolving Aspirations and Cooperation

Journal of Economic Theory, 1998, vol.80, no. 2, pp.292-331

VEGA-REDONDO F.

The Evolution of Walrasian Behavior

Econometrica, 1997, vol.65, no. 2, pp.375-384

ROBSON A. J., VEGA-REDONDO F.

Efficient Equilibrium Selection in Evolutionary Games with Random Matching

Journal of Economic Theory, 1996, vol.70, no. 1, pp.65-92

VEGA-REDONDO F.

Pollination and Reward: A Game-Theoretic Approach

Games and Economic Behaviour, 1996, vol.12, no. 1, pp.127-142

VEGA-REDONDO F.

Extrapolative Expectations and Market Stability

International Economic Review, 1989, vol.30, no. 3, pp.513-517

VEGA-REDONDO F.

Efficiency and nonlinear pricing in nonconvex environments with externalities: A generalization of the Lindahl equilibrium concept

Journal of Economic Theory, 1987, vol.41, no. 1, pp.54-67

RESEARCH MONOGRAPHS

VEGA-REDONDO F.

Complex Social Networks

Cambridge University Press, Cambridge, Great Britain, 2007

VEGA-REDONDO F.

Evolution, Games, and Economic Behaviour

Oxford University Press, Great Britain, 1996

TEXTBOOKS

VEGA-REDONDO F.

Economics and the Theory of Games

Cambridge University Press, Cambridge, Great Britain, 2003

CONTRIBUTION TO CHAPTERS, BOOKS OR RESEARCH MONOGRAPHS

VEGA-REDONDO F.

Social Networks from a Designer's Viewpoint in *Social Design*

Walter Trockel(Ed), Springer International Publishing, pp.63-81, 2019

VEGA-REDONDO F.

Links and actions in interplay in *The Oxford Handbook of Economic Networks*

Y. Bramoullé, A. Galeotti, B. Rogers(Ed), Oxford University Press, pp.183-206, 2016

MEYER M., DUERNECKER G., VEGA-REDONDO F.

Being close to grow faster: a network-based empirical analysis of economic globalization in *Network for Prosperity: Connecting Development Knowledge beyond 2015*

Kazuki Kitaoka, Axel Marx, Joaquin Fuentes, Cormac O'Reilly (Eds), United Nations Industrial Development Organization UNIDO, pp.98-101, 2012

PROCEEDINGS/PRESENTATIONS

RASHID F., FORNACIARI T., HOVY D., BLANCO E., VEGA-REDONDO F.

Helpful or Hierarchical? Predicting the Communicative Strategies of Chat Participants, and their Impact on Success

Findings of the Association for Computational Linguistics: EMNLP, 2020, Punt Cana (online), Dominican Republic

VEGA-REDONDO F., KORKMAZ G., KUHLMAN C., RAVI S.

Approximate contagion model of common knowledge in Facebook

27th ACM Conference of Hypertext and Social Media, 2016

VEGA-REDONDO F., KORKMAZ G., KUHLMAN C.

Can social contagion spread without key players?

International Conference on Behavioral, Economic, and Socio-Cultural Computing (BESC), 2016

WORKING PAPERS

VEGA-REDONDO F., PIN P., UBFAL D., BENEDETTI-FASIL C., BRUMMITT C., RUBERA G., HOVY D., FORNACIARI T.

Peer Networks and Entrepreneurship: A Pan-African RCT

2020, IZA - Institute of Labor Economics, Discussion Paper No. 12848
