

## Soc 8201      New Directions in Economic Sociology

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Seminar meeting, Wednesdays 2:10-4:00 509 Knox Hall  
Office hours, Wednesdays 4-6:00

Fall 2015  
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**Rationale:** This is an advanced graduate seminar in Economic Sociology looking at new developments in the field. This iteration of the course pays special attention to problems of valuation. What counts? Faced with a deluge of information, a multiplicity of evaluative principles, and myriad features that could be potentially salient, what is taken into account? What matters, who counts, and with what kinds of measures and metrics? In examining how actors navigate multiple orders of worth we will be especially interested in the socio-technologies of making and taking accounts. Because tools count as constitutive parts of the social, they must be brought into our accounts. Tools – instruments, artifacts, numbering systems, spreadsheets, microphones, monitors, servers, protocols, platforms, podiums, flipcharts, websites, power points, algorithms, maps, models, tabulators, tables – are a part not only of calculative practices in the economy but also of public assemblages in politics and civic life.

**Organization:** We will discuss the organization of the course at the first meeting of the seminar.

**Requirements:** Informed participation in each weekly seminar is expected of every student in the course. To prepare for the discussions, write a short essay (2 pages) on the readings for each week and bring it to the seminar. The major requirement for the course is a research paper. You should begin working on your paper already during the first weeks of the course. You'll be asked to make a brief presentation about your research. The topic and the format of the final paper are your choice, in consultation with the instructor. Our mutual goal is to find a topic and means of presentation that best meets your needs.

\* required readings

### Part I

**Sept. 9th Introduction** First class meeting

**Sept. 16<sup>th</sup> Dissonance and Discovery**

\* David Stark, *The Sense of Dissonance: Accounts of Worth in Economic Life*. Princeton University Press, 2009.

John Dewey, *Theory of Valuation*. University of Chicago Press, 1939.

Podolny, Joel M. and Marya Hill-Popper. 2004. "Hedonic and transcendental conceptions of value." *Industrial and Corporate Change* 13:61-89.

### Sept. 23<sup>rd</sup> Distributed Calculation

\* Michel Callon and Fabian Muniesa. "[Economic markets as calculative collective devices.](#)" *Organization Studies* (2005) 26(8): 1229-1250.

\* Bruno Latour, "Technology is Society Made Durable," and in John Law, ed., *A Sociology of Monsters: Essays on Power, Technology, and Domination.* Routledge, 1991, pp.103-131.

Michel Callon, Cecile Meadel and Vololona Rabeharisoa, "[The economy of qualities.](#)" *Economy and Society* May 2002 31(2):194-217.

Liliana Doganova and M. Eyquem-Renault, "What Do Business Models Do? Narratives, Calculation and Market Exploration." *Research Policy*.

Lucy Suchman, 2007. *Human-Machine Reconfigurations: Plans and situated actions*, 2nd Edition. Cambridge and New York: Cambridge University Press.

Edwin Hutchins and T. Klausen, "Distributed Cognition in an Airline Cockpit." In Y. Engeström & D. Middleton (Eds.), *Cognition and Communication at Work*, (pp. 15-34). New York: Cambridge University Press.

Edwin Hutchins, *Cognition in the Wild*, MIT, 1995.

Andy Clark, "Leadership and Influence: The Manager as Coach, Nanny, and Artificial DNA." In John Clippinger, ed., *The Biology of Business: Decoding the Natural Laws of Enterprise*, Jossey-Bass: San Francisco: 1999, pp. 47-66.

Muniesa, F 2014. *The Provoked Economy: Economic Reality and the Performative Turn*. Routledge.

Bruno Latour, *The Pasteurization of France*. Harvard University Press 1988.

Beth Bechky, "Sharing Meaning Across Occupational Communities: The transformation of understanding on a production floor." *Organization Science* May/June 14(3):312-320.

Preda, Alex. 2006. Socio-technical agency in financial markets: the case of the stock ticker. *Social Studies of Science* 36(5):753-782.

Michel Callon, Yuval Millo, and Fabian Muiesa. eds. 2007. *Market Devices*. Blackwell.

**Sept. 30<sup>th</sup>**

**Models**

\* Donald MacKenzie and Yuval Millo, "[Constructing a Market, Performing Theory](#): The Historical Sociology of a Financial Derivatives Exchange." *AJS* July 2003 109(1):107-145.

Michel Callon, "What does it mean to say that economics is performative? Pp. 311-357 in Donald MacKenzie, Fabian Muniesa, and Lucia Siu, eds., *Do Economists Make Markets? On the performativity of economics*. Princeton: Princeton University Press.

Donald MacKenzie, 2010. "[The Credit Crisis as a Problem in the Sociology of Knowledge](#)." *American Journal of Sociology*, Vol. 116, No. 6 (May 2011), pp. 1778-1841.

Elena Esposito, 2013. "The structures of uncertainty. Performativity and unpredictability in economic operations." *Economy & Society* 42: 102-129.

Bruce Carruthers, 2010. "Knowledge and Liquidity: Institutional and Cognitive Foundations of the Subprime Crisis." Department of Sociology, Northwestern University.

Liliana Doganova and Fabian Muniesa, "Capitalization devices: business models and the renewal of markets." In *Making Things Valuable*. Oxford University Press, 2015.

Michel Callon, "The Embeddedness of economic markets in economics." In Michel Callon, ed. *The Laws of the Markets*. Blackwell, 1998, pp. 1-57.

J. L. Austin, *How To Do Things with Words*. Harvard U. Press, 1975.

Donald MacKenzie, Fabian Muniesa, and Lucia Siu. 2007. Introduction. Pp. 1-23 in MacKenzie, Muniesa, and Siu, eds., *Do Economists Make Markets? On the performativity of economics*. Princeton: Princeton University Press.

**September 30<sup>th</sup>** (yes, it is the same date) **Categories**

\* Ezra Zuckerman, "[Structural Incoherence and Stock Market Activity](#)." *ASR* 2004, 69:405-432.

Ezra Zuckerman, "The categorical imperative: Securities analysts and the illegitimacy discount." *AJS* 1999 104(5):1398-1438.

Michael T. Hannan, L. Polos, and G. R. Carroll. 2007. *Logics of organization theory: Audiences, codes, and ecologies*. Princeton University Press.

Greta Hsu, MT Hannan, and Ö Koçak. 2009. Multiple category memberships in markets: An integrative theory and two empirical tests. *American Sociological Review*, 74: 150–169.

Elizabeth G. Pontikes, 2012 “Two sides of the same coin: How ambiguous classification affects multiple audiences’ evaluations.” *Administrative Science Quarterly*, 57: 81–118.

## **October 7<sup>th</sup>                    (Networks and) Cognition**

\* Ronald S. Burt, *Brokerage and Closure: An Introduction to Social Capital*. Oxford University Press, 2005.

\* Brian Uzzi and Jarrett Spiro, “[Collaboration and Creativity: The Small World Problem](#),” *American Journal of Sociology*, Sept 2005, 111:447-504.

\* Mathijs de Vaan, Balazs Vedres, and David Stark, “Game Changer: The Topology of Creativity.” *AJS*. 120(4):1144-1194, January 2015.

Paul DiMaggio, 1997. Culture and cognition. *Annual Review of Sociology* 23: 263 – 287.

David Stark and Balazs Vedres, “[Social Times of Network Spaces: Network Sequences and Foreign Investment in Hungary](#).” *American Journal of Sociology* 111(4) January 2006.

David Stark and Balazs Vedres, “Political Holes in the Economy: Business Camps and Party Competition in Late Postsocialism.” Initial submission, reviewers’ comments, revision, and complete correspondence with *American Sociological Review*.

Walter W. Powell, Kenneth Koput, Douglas R. White, and Jason Owen-Smith. [Network Dynamics and Field Evolution: The Growth of Inter-organizational Collaboration in the Life Sciences](#). ([pdf](#), [movie](#)) *American Journal of Sociology* **110**(4):1132-1205 (January 2005).

Mark Granovetter, 1985. “[Economic Action and Social Structure: The Problem of Embeddedness](#).” *American Journal of Sociology*, 91(November): 481-510.

Ronald S. Burt, “The Social Structure of Competition.” In Nitin Nohira and Robert G. Eccles, *Networks and Organizations*, Boston: Harvard Business School Press, 1992, pp.57-91.

## **October 14<sup>th</sup>                    Observation**

\* Matteo Prato and David Stark, “Observation Networks: Temporality and Intensity of Attention in Financial Markets.” unpublished manuscript.

\* Karin Knorr Cetina, 2003. “From Pipes to Scopes: The Flow Architecture of Financial Markets.” *Distinktion*, Nr. 7, 2003, 7–23

Karin Knorr Cetina, 2005. "How Are Global Markets Global? The Architecture of a Flow World." Pp. 38-45 of *The Sociology of Financial Markets*. K Knorr Cetina and A Preda (eds). Oxford University Press.

Karin Knorr Cetina, and U Bruegger. 2002. "Global Microstructures: The Virtual Societies of Financial Markets." *American Journal of Sociology* 107(4): 905-950.

Daniel Beunza and David Stark, "From Dissonance to Resonance: Cognitive Interdependence in Quantitative Finance." *Economy and Society*, 2012, 41(3):1-35.

Jerker Denrell, 2012. "Mechanisms generating context-dependent choices." In A. Lomi and J. R. Harrison (eds.), *Research in the Sociology of Organizations* 36: 65-97.

Hoffman, AJ., and W Ocasio. 2001. Not All Events Are Attended Equally: Toward a Middle-Range Theory of Industry Attention to External Events. *Organization Science* 12(4):414-34.

Elena Esposito, "Economic circularities and second-order observation: the reality of ratings." *Sociologica* 2/2013

David Stark, "Observing Finance as a Network of Observations." *Sociologica* 2/2013:1-12.

## **October 21<sup>st</sup>                      Competitions (and Competition)**

\* Kristian Kreiner, "Organizational Decision Mechanisms in an Architectural Competition." Pp. 399-429 in Alessandro Lomi, J. Richard Harrison, (eds.) *The Garbage Can Model of Organizational Choice: Looking Forward at Forty (Research in the Sociology of Organizations, Volume 36)*, Emerald Group Publishing Limited.

\* Performances of Value: Competition and Competitions Inside and Outside of Markets. Preliminary program for Leverhulme International Network.

Kristian Kreiner. 2007. "Strategizing in Unknowable Worlds: Preparing for Success in Architectural Competitions." Paper presented at the EURAM conference, "Current Management Thinking: Drawing from Social Sciences and the Humanities. Paris, May 2007.

Peter Holm Jacobsen, Daniel Toft Jensen, and Kristian Kreiner. 2010. "Asymmetric Information and Collective Ignorance: Dilemmas in Dialogue-based Architectural Competitions." Paper presented at the conference "Construction Matters," Center for Management Studies of the Building Process, Copenhagen Business School, May 2010.

**October 28<sup>th</sup>**

**Diversity**

\* Sheen S. Levine, Evan P. Apfelbaum, Mark Bernard, Valerie L. Bartelt, Edward J. Zajac and David Stark, "Ethnic Diversity Deflates Price Bubbles." *Proceedings of the National Academy of Sciences*, 111(52): 185240-18529, December 30, 2014.

\* Catherine C. Eckel and Sascha Fullbrunn, "Thar 'She' Blows? Gender, Competition, and Bubbles in Experimental Asset Markets," 2013. *American Economic Review* 105 (2).

\* Jennifer L. Doleac and Luke Stein, 2013. "The Visible Hand: Race and Online Market Outcomes." *The Economic Journal* 123 (November), F469-F492.

Ian Ayres and Peter Siegelman, 1995. "Race and Gender Discrimination in Bargaining for a New Car." *American Economic Review* 85(3) June: 304-321.

D. P. Porter and Vernon L. Smith. 2003. Stock Market Bubbles in the Laboratory. *Journal of Behavioral Finance* 4:7-20.

Smith, VL, GL Suchanek, and AW Williams. 1988. "Bubbles, Crashes, and Endogenous Expectations in Experimental Spot Asset Markets." *Econometrica* 56:1119-1151.

Smith, VL, MV. van Boening, and CP Wellford. 2000. "Dividend Timing and Behavior in Laboratory Asset Markets." *Economic Theory* 16:567-583.

Sommers, SR. 2006. "On racial diversity and group decision making: Identifying multiple effects of racial composition on jury deliberations." *J Pers Soc Psychol* 94(4):597-612.

Brooke Harrington, 2008. *Pop Finance: Investment Clubs and Stock Market Populism*. Princeton University Press.

Ruef, M. 2014. *The Entrepreneurial Group: Social Identities, Relations, and Collective Action*. Princeton University Press.

**November 4<sup>th</sup>**

**Revising a paper**

A session on how to revise a paper for publication. Balazs Vedres and David Stark, "[Structural Folds: Generative Disruption in Overlapping Groups](#)," *American Journal of Sociology* January 2010 15(4). In addition to the paper (and its prior versions), you will read the complete correspondence between the authors and the editor and reviewers as the paper went through the process of revise and resubmit at the *American Journal of Sociology*.

## **November 11<sup>th</sup>            Valuation**

\* Wendy Nelson Espeland and Michael Sauder. 2007. "Rankings and Reactivity: How Public Measures Recreate Social Worlds." *American Journal of Sociology* 113(1): 1-40.

\* Michele Lamont, 2012. "Toward a Comparative Sociology of Valuation and Evaluation." *Annual Review of Sociology* vol. 38: 201-221.

\* Antoine Hennion, "Paying Attention: What is Tasting Wine About?" in *Moments of Valuation: Exploring Sites of Dissonance*. Edited by Ariane Berthoiné Antal, Michael Hutter, and David Stark. Oxford and New York: Oxford University Press, in press.

Wendy Nelson Espeland and Mitchell Stevens. 1998. "Commensuration as a Social Process." *Annual Review of Sociology* 24:312-43.

Elena Esposito, "The Reality of Ratings." Unpublished manuscript, presented at University of Warwick workshop on "Ranking, Rating, Prizing," June 6, 2014.

David Stark. "What's Valuable?" Concluding chapter of *The Worth of Goods: Valuation and Pricing in Markets*, Patrik Aspers and Jens Beckert, eds. Oxford University Press, 2011, pp. 319-338.

Michael Hutter and David Stark, "Pragmatist Perspectives on Valuation: An Introduction." in *Moments of Valuation: Exploring Sites of Dissonance*. Edited by Ariane Berthoiné Antal, Michael Hutter, and David Stark. Oxford and New York: Oxford University Press, in press.

## **November 18<sup>th</sup>            Logics**

\* Roger Friedland, "The Value of Institutional Logics."

Luc Boltanski and Laurent Thevenot, "[The Sociology of Critical Capacity](#)," *European Journal of Social Theory* 1999 2(3):359-377.

Luc Boltanski and Laurent Thevenot, *On Justification: Economies of Worth*. Princeton University Press, 2006.

P.H. Thornton, W Occasio, and M Lounsbury. 2012. *The Institutional Logics Perspective*. Oxford University Press.

## **Part II. Selected Topics**

**(we will choose two or three of these themes based on student interests)**

## Teams

Ray Reagans, Ezra Zuckerman and Bill McEvily, "[How to Make the Team](#): Social Networks vs. Demography as Criteria for Designing Effective Teams." *Administrative Science Quarterly* [Vol. 49, No. 1, Mar., 2004](#).

Matteo Prato, "Where Fools Fear to Tread: Analysts' Tenure and Performance on Banks' stock coverage initiation." Chapter from PhD dissertation.

Guimerà, R., Uzzi, B., Spiro, J. & Amaral, L. A. N. Team assembly mechanisms determine collaboration network structure and team performance. *Science* **308**, 697–702 (2005).

Ruef, M., H. Aldrich, and N. Carter. 2003. The Structure of Founding Teams: Homophily, Strong Ties, and Isolation among U.S. Entrepreneurs. *American Sociological Review* 68 (2):195-222.

## From pricing to prizing

Bruno Latour and Vincent Antonin Lepinay. 2009. *The Science of Passionate Interests: An Introduction to Gabriel Tarde's Economic Anthropology*. Chicago: Prickly Paradigm Press.

Susan V. Scott and Wanda J. Orlikowski. 2010. "Reconfiguring Relations of Accountability: The Consequences of Social Media for the Travel Sector." Best paper proceedings of the Academy of Management Annual Meeting, Montreal Canada, August.

Andrew Barry and Nigel Thrift. "Gabriel Tarde: Imitation, Invention, and Economy." *Economy and Society* 2007 36(4):509-525.

## Performance

Antoine Hennion, "[Baroque and rock: Music, mediators and musical taste](#)." *Poetics* 24 (1997): 415-435.

Erving Goffman, *The Presentation of Self in Everyday Life* (esp. chapter 1, "Performances").

Antoine Hennion, "The Pragmatics of Taste." *The Blackwell Companion to the Sociology of Culture*. Mark Jacobs, Nancy Hanrahan eds, Oxford UK/Malden MA, Blackwell, 2004.

Jon McKenzie, *Perform or Else: From discipline to performance*. New York: Routledge, 2001.

James F. English, *The Economy of Prestige: Prizes, Awards, and the Circulation of Cultural Value*. Harvard University Press, 2005.

Henry Sayre, "Performance." In *Critical Terms for Literary Study, Second Edition*, edited by Frank Lentricchia and Thomas McLaughlin. Chicago: University of Chicago Press, 1995.



## **Behavioral Economics: Too many choices?**

Sheena Iyengar and Mark Lepper, "When choice is demotivating: Can one desire too much of a good thing?" *Journal of Personality and Social Psychology* 2000 79(6): 995-1006.

Sheena Iyengar and Wei Jiang, "Choosing Not to Choose: The Effect of More Choices on Retirement Savings Decisions." Manuscript, Columbia Business School.

Richard H. Thaler, "Mental Accounting Matters," *Journal of Behavioral Decision Making* 1999 12:183-206.

Barry Schwartz, *The Paradox of Choice*. New York: HarperCollins. 2004

## **Experience Goods**

Jens Beckert, "The Transcending Power of Goods. In Jens Beckert and Patrik Aspers (eds.), *The Worth of Goods*. Oxford: Oxford University Press, 106–128.

Michael Hutter, "Infinite surprises. On the stabilization of value in the Creative Industries." In Beckert and Aspers *The Worth of Goods*.

Jens Beckert, "Imagined Futures: Fictionality in Economic Action." Working Papers, Max Planck Institute for the Study of Societies, Cologne. 11/8.

## **Critique and the Dynamics of Capitalism**

Luc Boltanski and Eve Chiapello, *The New Spirit of Capitalism*. London: Verso. Preface (p. ix-xvii); General Introduction (p. 3-55); Management discourse of the 1990s (p. 57-103 with special attention to p. 70-86 ("1990s: Towards a model of the firm as a network") and p. 93; skim Chapter 2 (The formation of the Projective City (p.103 to 163); skim Conclusions (p. 485-528).

## **Religion and Commerce**

Max Weber, *The Protestant Ethic and the Spirit of Capitalism*.

Max Weber, 1985 (1906). "'Churches' and 'Sects' in North America: An Ecclesiastical Socio-Political Sketch." *Sociological Theory* 3(1)\_7-13.

David Stark, "The Megachurch as an Experience Good." Pp. 29-37 in Dirk Baecker and Birger P. Priddat, eds., *Ökonomie der Werte*. Marburg: Metropolis-Verlag, 2013.

James B. Twitchell, *Branded Nation*. Chapter 2, "One Market Under God." Simon and Schuster, 2004, pp. 47-108.

## **Users in the Design Process**

Nigel Thrift, 2006. Re-inventing invention: new tendencies in capitalist commodification. *Economy and Society* 35(2): 279-306.

Trevor Pinch and Frank Trocco. 2004. *Analog Days: The invention and impact of the Moog synthesizer*. Cambridge, Mass: Harvard University Press.

Nelly Oudshoorn and Trevor Pinch. 2003. Introduction: How users and non-users matter. Pp. 1-28 in *How Users Matter: the co-construction of users and technologies*, eds. Nelly Oudshoorn and Trevor Pinch. Cambridge, MA: MIT Press.

Gina Neff and David Stark, "[Permanently Beta: Responsive Organization in the Internet Era.](#)" In Philip E.N. Howard and Steve Jones, eds., *Society Online: The Internet In Context*. Thousand Oaks, CA: Sage, 2003, pp. 173-188.

David Stark, "Reprise," Concluding chapter of *The Sense of Dissonance*.

## **Categories (2)**

Geoffrey Bowker and Susan Leigh Star, *Sorting Things Out: Classification and its consequences*. Cambridge, MA: MIT Press, 2000..

Greta Hsu and Joel Podolny, "Critiquing the Critics: An Approach for the Comparative Evaluation of Critical Schemas."

Daniel Beunza and Raghu Garud. "[Calculator, Lemmings, or Framemakers? The intermediary role of securities analysts.](#)" Pp. 13-39 in Fabian Muniesa, Yuval Milo, and Michel Callon, eds., *Market Devices*. Blackwell Synergy [special issue of *The Sociological Review* 55(2)].

John Henry Clippinger, "What is in a Name? Information, Context, and Tags." In *The Biology of Business: Decoding the Natural Laws of Enterprise* edited by John Clippinger. San Francisco: Jossey-Bass, 1999.

Manville, Brook. "Complex Adaptive Knowledge Management: A Case from McKinsey & Company." In *The Biology of Business: Decoding the Natural Laws of Enterprise* edited by John Clippinger. San Francisco: Jossey-Bass, 1999.

## **Demonstrations**

Michel Callon, "Europe Wrestling with Technology." *Economy and Society* 33(1) February 2004:121-134.

Andrew Barry, *Political Machines: Governing a Technological Society*. London: Althone Press. 2001.

David Stark and Verena Paravel, "PowerPoint Demonstrations: Colin Powell, WTC Architects, and the New Economy of Persuasion." *Theory, Culture & Society*

## Communities of Innovation

Bruce Kogut and Anca Metiu, "[Open-Source Software Development and Distributed Innovation](#)," *Oxford Review of Economic Policy*, 2001 17(2): 248-264.

Siobhan O'Mahony, "[Guarding the commons: how community managed software projects protect their work](#)," *Research Policy* 32 (2003):1179-1198.

Nigel Thrift, "Re-inventing invention: new tendencies in capitalist commodification." *Economy and Society*, 35, (2006): 279-306.

## Innovation through Organizational Heterogeneity

John Padgett. and Christopher Ansell (1993). "Robust Action and the Rise of the Medici, 1400-1434." *American Journal of Sociology*, 98, 1259-1319.

Harrison White, "Values Come in Styles which Mate to Change." in Michael Hechter, Lynn Nadel and Richard Michod, eds., *The Origins of Values*, New York: Aldine de Gruyter, 1993, pp. 63-91.

Peter Galison.(1997). *Image and Logic: A Material Culture of Microphysics*. Chicago: University of Chicago Press. [Chapter 1, pp. 1-63, and Chapter 9 (Part II, "The Trading Zone"), pp. 803-844]

Susan Leigh Star and James Griesemer, "Institutional Ecology, Translations, and Boundary Objects: Amateurs and Professionals in Berkeley's Museum of Vertebrate Zoology, 1907- 1939." *Social Studies of Science*, 1989, 19:387-420.

Richard Lester and Michael Piore, *Innovation: The Missing Dimension*. Harvard University Press, 2004.

Karin Knorr Cetina, "Sociality with Objects: Social Relations in Postsocial Knowledge Societies." *Theory, Culture, and Society*, 1997 14(4):1-30.

Harrison White, "Where Do Languages Come From?—I. Switching between networks." Department of Sociology, Columbia University, manuscript.

Harrison White, "Times and Narrative out of Zaps and Ratchet," and "Social Times." Manuscripts.

Bruno Latour, "The Prince for Machines as well as for Machinations." In B. Elliott, ed. *Technology and Social Process*. Edinburg Univ. Press, 1988:20-43.

[http://www.ensmp.fr/PagePerso/CSI/Bruno\\_Latour/](http://www.ensmp.fr/PagePerso/CSI/Bruno_Latour/)

Raghu Garud and Michael Rappa "A Socio-Cognitive Model of Technology Evolution: The Case of Cochlear Implants." *Organization Science* 1994 5(3):344-362.

Michel Callon, "Tehno-economic Networks and Irreversibility," in John Law, ed. *A Sociology of Monsters: Essays on Power, Technology, and Domination*. Routledge, 1991.

David Lane and Robert Maxfield, "Strategy under Complexity: Fostering Generative Relationships" *Long Range Planning*, vol.29, no.2, 1996, pp.215-31.

Arie Lewin, Chris P. Long, and Timothy N. Carroll, "The Coevolution of New Organizational Forms," *Organization Science* Sept.-Oct. 1999, 10(5):535-550.

Arie Lewin and Henk Volberda, "Prolegomena on Coevolution: A Framework for Research on Strategy and New Organizational Forms," *Organization Science* Sept.-Oct. 1999, 10(5):519-534.

Daniel Levinthal and Massimo Warglien, "Landscape Design: Designing for Local Action in Complex Worlds," *Organization Science* May-June 1999, 10(3):342-357.

Andrew Hargadon, *How Breakthroughs Happen*.

### **Beyond Market Society**

Yochai Benkler, *The Wealth of Networks: How social production transforms markets and freedom*. New Haven, CT: Yale University Press, 2006.

Michel Callon and Koray Caliskan, "Economization: New Directions in the Studies of Markets," forthcoming in *Economy and Society*.

J. K. Gibson-Graham, *A Postcapitalist Politics*. Minneapolis, MN: University of Minnesota Press, 2006.

Ash Amin and Nigel Thrift, *Arts of the Political: New Openings for the Left*. Duke University Press, 2013.

**Dec 2<sup>nd</sup>            To be determined.**

**Dec 9<sup>th</sup>            To be determined.**