



Getting Inside the Black Box: Technological Evolution and Economic Growth Workshop,
organized by Doyne Farmer, Eric Beinhocker, Deborah Strumsky, and Jose Lobo
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Name	Title
Eric Beinhocker	Complexity, Evolution and Economic Growth: A Survey and Implications for Policy
Colin Harrison	An Inventors' Perspective on Invention
Jeffrey Funk	Exploring the Mechanisms that Drive Improvements in Cost and Performance
Phil Auerswald	The Code Economy
Martha Alatrisme	Diffusion of Resources in the French Input-Output Network
Brian Arthur	Evolution and Technology — A Different Mechanism: How an Economy Emerges from its Technologies, and Grows
Stefano Battiston	Efficiency and Stability of R&D Networks
Giovanni Dosi	The Structure and Dynamics of Technical Knowledge: Technological Paradigms and Trajectories
Mark Pagel	Constant Death Rates for Firms Across a Range of Specialities: Survival of the Best or the Luckiest?
Deborah Strumsky	Tracking Technological Change using Patent Technology Codes
James McNerney	The Trophic Theory of Technological Improvement
Doug Erwin	Do Biological Innovations Provide Insights into Innovation in Culture and Technology?
Joe Tainter	Energetic Constraints on Innovation
Ricardo Hausmann	Economic Growth: What Do We Know and Why Don't We Know More
Vasco Carvalho	The Rise of General Purpose Technologies
Ron Jarmin	Studying Technological Change at the Firm Level: The Empirical Frontier
Doyne Farmer	Theory and Empirics of Technological Improvement
Luciano Pietronero	Measuring the Intangible Growth Potential of Countries
Alan Marco	IP and Economic Growth: the USPTO Perspective
Rob Axtell	Competitive Innovation and the Emergence of Technological Epochs
Manfred Laublicher	The Origins of Novelty in the Biological and Technological Domains: from Analogies to Isomorphisms
José Lobo	Information is Physical: the Nature of Ideas and Economic Growth