

DIME Workshop

“Measuring, mapping and modelling technical change”

6-7 May, 2010

**Sant’Anna School of Advanced Studies,
Piazza Martiri della Liberta 33, Pisa
Room: Aula 6**

Thursday May 6

Chair (morning): Pietro Dindo

9.30-9.45: Alessandro Nuvolari (Sant’Anna School of Advanced Studies)
Welcome

9.45-10.30: Paolo Zeppini (University of Amsterdam)
“Optimal diversity in Investments with Recombinant Innovation”

10.30-10.45: Coffee break

10.45-11.30: Arianna Martinelli (Friedrich Schiller University Jena)
“A genetic approach to patent citation networks. A case study of telecom switches”

11.30-12.15: Bart Los (University of Groningen)
“Are New ‘Silicon Valleys’ Emerging? The Distribution of Superstar Patents across US States”

12.15-14.00: Lunch

Chair (afternoon): Alessandro Nuvolari

14.00-14.45: Gerald Silverberg (UNU-Merit)
“The Statistical Phenomenology of Innovation in the Longue Durée”

14.45-15.30: Giovanni Dosi (Sant’Anna School of Advance Studies)
“Technical change as an evolutionary process”

15.30-16.00: Tea break

16.00-16.45: Paul A. David (Stanford University)
“Rivalry and the Rules of the Game in Processes of Collective Invention”

Friday May 7

Chair (morning): Roberto Fontana

9.30-10.15: Koen Frenken (Eindhoven University of Technology)
"A branching-and-recombination model of innovation with positive externalities"

10.15-11.00: Davide Pirino (Sant'Anna School of Advanced Studies)
"Null-model analysis of technological corporate coherence"

11.00-11.15: Coffee break

11.15-12.00: Jessika Trancik (MIT)
"The Role of Design Complexity in Technology Improvement"

12.00-12.45: Paolo Saviotti (INRA GAEL, Université Pierre Mendès-France)
"Discontinuities in technological evolution"

12.45-14.00: Lunch

Chair (afternoon): Davide Pirino

14.00-14.45: Jesus Felipe (Asian Development Bank)
Precise title to be announced

14.45-15.30: Attila Varga (University of Pecs)
"Agglomeration and interregional network effects on European R&D productivity"

15.30-16.00: Tea

16.00-16.45: Sandro Mendoca (University of Lisbon)
"How did large and complex capital goods of the industrial past evolve?
The measurement of technological change in steamships from the 1810s
to the 1850s"

16.45-17.30: "Modelling, measuring and mapping technical change: future research
directions"
Round table