

DANIELE ANGELINI

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Latest version

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European University Institute

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Aix-Marseille School of Economics

5-9 Boulevard Maurice Bourdet

13001, Marseille

GRADUATE STUDIES

European University Institute

Ph.D. Candidate in Economics

Florence, Italy

2016 – present

Thesis Title: *Essays on Demographic Change and Economics*

Supervisors: Philipp Kircher, Andrea Mattozzi

Expected Completion Date: June 2021

VISITING

Aix-Marseille School of Economics

One-year Ph.D. grant

Marseille, France

2020 – 2021

Universitat Autònoma de Barcelona

Barcelona Summer School of Demography

Barcelona, Spain

Summer 2019

UNDERGRADUATE STUDIES

Univeristy of Rome Tor Vergata

Master of Science in Economics, 110 cum laude/110

Rome, Italy

2014 – 2016

Univeristy of Rome Tor Vergata

Bachelor's in Economics, 110 cum laude/110

Rome, Italy

2011 – 2014

University of Maastricht

Erasmus +

Maastricht, Netherlands

Fall semester 2015

University of Groningen

Erasmus

Groningen, Netherlands

Spring semester 2014

REFERENCES

Prof. Philipp Kircher

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Ithaca, NY 14853
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TEACHING AND RESEARCH FIELDS

Primary Fields: Macroeconomics, Labor Economics, Demographic Economics

Secondary Fields: International Economics

TEACHING EXPERIENCE

Teacher Training Certificate

Introduction to Teaching in Higher Education, European University Institute

Florence, Italy

2019

International Economics

New York University Florence, teaching fellow for Professor Giampiero Gallo

Florence, Italy

Fall 2018, Spring 2019

CONFERENCES AND SEMINARS

ADRES 2021 (scheduled) <i>Doctoral Conference, Strasbourg (France)</i>	Virtual January 2021
SAEe 2020 <i>Spanish Economic Association, Univesidad de Salamanca</i>	Virtual December 2020
ASSET 2020 Virtual Meeting <i>Association of Southern European Economic Theorists</i>	Virtual October 2020
Bocconi Virtual Ph.D. Conference <i>Bocconi University</i>	Virtual September 2020
EEA Virtual Congress <i>European Economic Association</i>	Virtual August 2020
Labour Market Policies and Dynamics <i>Collegio Carlo Alberto</i>	Turin, Italy February 2020
International Economic Seminar <i>University of Rome Tor Vergata</i>	Rome, Italy June 2019

GRANTS AND AWARDS

AMSE One-year Ph.D. Grant <i>Aix-Marseille School of Economics</i>	Marseille, France 2020 – 2021
EUI Ph.D. Grant <i>European University Institute</i>	Florence, Italy 2019 – 2020
Ph.D. Grant <i>Italian Ministry of Foreign Affairs</i>	Rome, Italy 2016 – 2019
Graduate student award (MSc in Economics) <i>University of Rome Tor Vergata</i>	Rome, Italy 2015 – 2016
Best student award (MSc in Economics) <i>University of Rome Tor Vergata</i>	Rome, Italy 2014 – 2015
AFS Intercultura Grant <i>One-year High School Grant</i>	Texas, USA 2008 – 2009

LANGUAGES AND TECHNICAL SKILLS

Languages: Italian (native), English (advanced), French (good)
Software: R, Matlab, Stata, L^AT_EX

JOB MARKET PAPER

Age-composition of Demand and the Secular Stagnation (with Max Brès, EUI) [download](#)

We analyze the effect of demographic changes on labor productivity through the demand channel. We document the relevance of this channel using the change in the age-composition of demand coming from abroad. We find that only middle-aged consumers are associated with lower productivity. An increase in the share of middle-aged consumers also leads to an increase in prices and a reduction in the quantity produced suggesting that the demographic demand shock influences the market structure. To take into account general equilibrium effects, we estimate a multi-sector general equilibrium model with sequential search on the good market. We assume that middle-aged consumers have higher search costs with respect to young consumers (who are more efficient in searching) and old consumers (who have a lower opportunity cost of time). We find that the change in the age-composition of demand decreased productivity growth in the US by 10.7% in the period 1985-2004, while it increased it by 10.3% in the period 2005-2019.

Workforce Aging and Technological Adoption [download](#)

I analyze the effects of an aging population on the adoption of new technologies and productivity. Population aging affects the labor market by reducing the labor supply and by changing the composition of the labor force. This leads to a non-monotonic effect of aging on the adoption of new technologies and productivity. I empirically document these relations using sector-level data for 10 Western European countries in the period 1995-2015. I rationalize these findings using a task-based framework to model the supply side and an overlapping generation model to characterize the demand side. Initially, the aging of the population has a positive effect on productivity as it reduces the labor supply and triggers the adoption of new (labor-saving) technologies. However, as young workers (with a comparative advantage in the use of new technologies) become scarce, further aging of the population has depressing effects on both the adoption of new technologies and productivity. Finally, this model is also consistent with the empirical findings in terms of wage dynamics in the context of an aging population and provides policy recommendations regarding the optimal retirement age policy.