

Arnaud Daymard

LECTURER, CY CERGY PARIS UNIVERSITÉ

MEMBER OF THEMA (THÉORIE ÉCONOMIQUE, MODÉLISATION ET APPLICATIONS)

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Research interests

Structural Transformation, Economic Development, Economic Growth, Economic Theory

Education

PHD in Economics

2015-2020

CY CERGY PARIS UNIVERSITÉ AND UNIVERSITÉ PARIS 1 PANTHÉON-SORBONNE (JOINT SUPERVISION)

- **Thesis title:** The Agricultural Determinants of Structural Transformation
- **Thesis committee:**
 - Carmen Camacho-Perez (Paris School of Economics, CNRS), President
 - Raouf Boucekkine (Aix-Marseille School of Economics), Referee
 - Akiko Suwa-Eisenmann (Paris School of Economics, CNRS), Referee
 - Cristina Terra (ESSEC Business School), Examiner
 - Frédérique Bec (CY Cergy Paris Université), Supervisor
 - Katheline Schubert (Paris School of Economics, Université Paris 1 Panthéon-Sorbonne), Supervisor

Master in Economic Analysis (summa cum laude)

2012-2013

CY CERGY PARIS UNIVERSITÉ AND ESSEC BUSINESS SCHOOL

Master in Management

2011-2014

ESSEC BUSINESS SCHOOL

Bachelor in Economics and Management

2010-2011

ESSEC BUSINESS SCHOOL

Preparatory class for entrance to Grandes Ecoles, Economics track

2007-2010

LYCÉE HOCHÉ, VERSAILLES

Teaching

Lecturer

2019-2021

CY CERGY PARIS UNIVERSITÉ

- **Macroeconomic Fluctuations (3rd Semester)**, L2 Economics and Management
- **International Macroeconomics (4th Semester)**, L2 Economics and Management
- **Principles of Microeconomics (2nd Semester)**, L1 Economics and Management

Lecturer

2019-2020

SCIENCES PO SAINT-GERMAIN-EN-LAYE

- **Contemporary Economic Issues (methodology tutorials)**, L2 Political Science

- **Public Economics (4th Semester)**, L2 Economics and Management
- **International Macroeconomics (4th Semester)**, L2 Economics and Management
- **Statistics (2nd Semester)**, L1 Economics and Management
- **Principles of Macroeconomics (1st Semester)**, L1 Economics and Management
- **Advanced Excel (6th Semester)**, L3 Economics and Management

Work in progress and working papers

Land rental market reforms: can they increase outmigration from agriculture ? Evidence from a quantitative model (in progress)

2020

THEMA WORKING PAPER N°2020-07

Abstract: Recent econometric work has found that policies improving the functioning of the land rental market have increased outmigration from agriculture in the developing world. I investigate this claim using a two-sector model of structural transformation that takes into account the well-known inverse relationship between farm size and farm productivity. Theoretically, outmigration from agriculture depends on how flexible agricultural prices are, while rigid agricultural prices lead to the reverse phenomenon of immigration in agriculture. Practically, the model predicts that for most countries, land rental market reforms cause little labor movement between sectors. In spite of this, these reforms are found to increase substantially the production efficiency and welfare of farmers.

Agricultural Productivity as A Prerequisite of Industrialization: Some New Evidence on Trade Openness and Premature Deindustrialization (in progress)

2020

THEMA WORKING PAPER N°2020-06

Abstract: Most studies of structural transformation assume a closed economy when modeling. Is this assumption justified in a globalized world? I test the relevance of closed versus open economy models of structural transformation using data on the sectoral productivity levels of developed and developing countries over the 1950-2013 period. The empirical findings suggest that trade openness does affect the mechanics of structural transformation in the way predicted by the theory, but that the practical effect of trade is small. Nonetheless, the difficult creation of manufacturing jobs in Latin America and Africa—a trait commonly referred to as “premature deindustrialization”—suggests that trade might have a significant role on the mechanics of manufacturing employment, a role that it does not play on agriculture and services. As an alternative to the role of trade, I also emphasize that large fixed costs in the formal manufacturing sector might explain the difficult industrialization of Latin America and Africa.

A Closer Look at the Mechanism of Structural Transformation: the Role of Land- versus Labor-Augmenting Technical Change in Agriculture (in progress)

2018

THEMA WORKING PAPER N°2018-11

Abstract: This paper analyzes a simple model of structural change to investigate the effect of agricultural productivity on industrialization when technical change is biased. When food consumption is close to the subsistence level, the bias is irrelevant and any type of technical change fosters industrialization. However, when food consumption substantially exceeds the subsistence level, the effect of land- and labor-saving technologies on industrialization critically depends on the elasticity of substitution between land and labor. Using country-level data from both the developed and the developing world, I estimate key results of the model to investigate the contribution of different types of technical change in practice. Labor-saving technologies are found to have a predominant role in both developed and developing countries, but land-saving technologies can play a significant role in the developing world.

Determinants of Female Entrepreneurship in India

2015

OECD ECONOMICS DEPARTMENT WORKING PAPER N°1191

Abstract: This paper examines the nature and determinants of female entrepreneurship in India based on survey data. The first part assesses basic characteristics of female entrepreneurship in India, while the subsequent sections analyse key determinants of female entrepreneurship based on the literature, and test their importance at the state level in India with the support of regressions on panel-data. It also reviews existing policies bearing on female entrepreneurship and makes recommendations for further policies in this area. Entrepreneurship can create new economic opportunities for women and contribute to overall growth and exit from poverty. The potential flexibility in time use from entrepreneurship can also facilitate balancing work and family obligations for women. However, entrepreneurs, both male and female, are relatively scarce in India compared to peer countries, and tend to work in small units often outside the formal sector. While many of the barriers to entrepreneurship are common to both genders (access to capital and business networks, adequate training and facilities) female entrepreneurs face gender biases stemming from socioeconomic factors or specific biases in laws such as inheritance laws.

Conferences

ADRES Doctoral Conference 2021

January 2021

ONLINE CONFERENCE

34th Annual Congress of the European Economic Association (EEA)

August 2019

MANCHESTER, UNITED KINGDOM

20th International Conference on Public Economic Theory (PET)

July 2019

STRASBOURG, FRANCE

19th International Conference on Public Economic Theory (PET)

June 2018

HUE, VIETNAM

67th Annual Meeting of the French Economic Association (AFSE)

May 2018

PARIS, FRANCE

22nd Dynamics, Economic Growth and International Trade (DEGIT) conference

Sept 2017

PARIS, FRANCE

66th Annual Meeting of the French Economic Association (AFSE)

June 2017

NICE, FRANCE

16th Journées Louis-André Gérard-Varet (LAGV)

June 2017

AIX-EN-PROVENCE, FRANCE

Grants and employment

Teaching fellowship: Attaché temporaire d'enseignement et de recherche (ATER)

2017-2021

FRENCH MINISTRY OF RESEARCH

THEMA, CY CERGY PARIS UNIVERSITÉ

Doctoral student contract (PHD scholarship)

2015-2017

FRENCH MINISTRY OF RESEARCH

THEMA, CY CERGY PARIS UNIVERSITÉ

Statistician, 3-month internship

2014

COMPANIES AND DEVELOPMENT (CODEV) IN EMERGING COUNTRIES RESEARCH PROGRAM, INSTITUT DE RECHERCHE ET D'ENSEIGNEMENT SUR LA NÉGOCIATION, PARIS

Junior Economist, 9-month internship

2013-2014

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD), PARIS

Personal details

Date of birth: 20 February 1989 **Nationality:** French **Languages:** French (native), English (fluent), German (intermediate)

Permanent address: 3 place Georges Clemenceau, 78700 Conflans-Sainte-Honorine, France

Software skills: Mathematica, Stata, R, EViews, Latex, Microsoft Office **Hobby:** jazz piano (student at the Conservatoire à Rayonnement Régional de Cergy-Pontoise)

References

Frédérique Bec

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Katheline Schubert

Professor
Paris School of Economics
Campus Jourdan 48 Boulevard Jourdan
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