

# LUCA ALFIERI

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## Academic Positions

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Since 2017 Teaching Assistant - University of Tartu -Master's degree in Quantitative Economics - Macroeconomics course - entire program in English

## Education

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Since 2017 PhD Student - University of Tartu -PhD program in Economics and Business Administration) - entire program in English

2016-2017 Kiel Institute for the world economy - Advanced Studies Program in International Economic Policy Research - entire program in English

2013-2015 University of Verona - PhD program in Economics and Finance (exit 7 September 2015) - entire program in English

2011-2012 University of Strasbourg - Faculty of Economics and Management Master 2 (M.A.) in Macroeconomics and European Policies (Public scholarship obtained in 2011) - entire program in French

2007-2009 University of Parma - Faculty of Economics M.A., Local Development, Cooperation and International Markets (cum laude)

2004-2007 University of Parma - Faculty of Economics B.A. in Development Economics and International Cooperation (cum laude)

## Research Interests

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Macroeconomics and Big Data, International Trade, Monetary Economics, Asian Economics, Economic Institutions.

## Submitted Papers

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*“The heterogeneity of financial institutions in the process of the economic and monetary integration in East Asia”* University of Tartu – Kiel Institute for the World Economy, 2018 (Submitted and under Review to *The World Economy*, available also in *Tartu Working Paper Series*)

*“A Cross-Country Input-Output Analysis of Estonian and Finnish Blue Industries”* with Gaýgysyz Aşyr (University of Tartu), Maryna Tverdostup (University of Tartu and Innsbruck), Tiiu Paas (University of Tartu). University of Tartu, 2019 (Submitted to *Marine Policy*)

## Works in progress

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*“Forecasting US Industrial production with Boosting in a Big “Fat” Dataset”*  
” University of Tartu, 2018 (PhD topic paper).

*“The Financial Safety Nets in East Asia and Europe: A political economy assessment”* with Nino Kokashvili (University of Tartu). University of Tartu, 2018 (forthcoming in *Tartu Working Paper Series*).

## Seminal Papers

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*“Forecasting dollar weights in East Asian currency baskets”*. University of Tartu, Macroeconometrics course. Academic year 2017-2018.

*“The East Asian monetary integration as a regional public good: a literature review”*. University of Verona. Summer paper for the PhD course (2014). Academic year 2013-2014.

*“East Asian enterprises and the choice between vertical and horizontal relationships”*. University of Verona, Organization theory course. Academic year 2013-2014.

## Current Projects

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Since 2019 (Kick-off meeting scheduled for January)

### **GROWINPRO (Horizon 2020)**

This project is part of Horizon 2020 program. The aim of the project is to investigate the still low growth in Europe and to indicate which kind of policies from the demand and supply sides should be suggested to boost robust growth in the Continent.

Since 2019

### **Collaboration in Higher Education for Digital Transformation in European Business (CHEDTEB) (Erasmus + )**

Digitization is becoming an important driver of change in business and public life. The new technologies are a major challenge for most European businesses. The changes in organisations, processes, skills requirements and business models in companies are still problematic for the enterprises. The project aims on assisting business and industries in addressing this challenge.

The project is a collaboration among University of Tartu, Brno University of Technology, Bielefeld University of Applied Sciences.

Since 2018

### **Bulding Capacity in Modern Data Analytics in Georgia.**

In order to grow Georgia's capacity in the cutting-edge field of modern data analysis (MDA), the International School Economics at Tbilisi State University (ISET) and ISET Policy Institute (ISET-PI) in Georgia and University of Tartu (UT) in Estonia will partner to increase ISET's institutional capacity through the creation of a new, cutting-edge MDA concentration.

## **Awards, Scholarships and Grants**

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2017 Full Doctoral Scholarship, University of Tartu

2016 Partial Scholarship, Kiel Institute for the World Economy

2011 Full Scholarship, Strasbourg University

## **Conferences and Seminars**

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2019-2018 Tartu PhD seminars; Tartu Research Seminars, University of Tartu, Tartu, Estonia.

2018 29th (EC)<sup>2</sup> Conference "Big Data Econometrics with Applications", Bank of Italy, Rome, Italy.

2017 Grenoble conference "Instability, Growth and Regulation", Grenoble University, Grenoble, France; ASP conference, Kiel Institute for the World Economy, Kiel, Germany.

2016 Kiel seminars, Kiel Institute for the World Economy, Kiel, Germany.

2014 University of Verona seminars, Verona, Italy

## **Referee service**

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Panoeconomicus

## Summer / Winter School and Short Courses

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- 2019 BI Norwegian Business School, Norway – Empirical Research Methods Winter School –Machine Learning with R -Advanced.
- 2018 Kiel Institute for the World Economy, Germany – Time Series Forecasting with an application to GDP. Taught by Prof. Boysen-Hogrefe from Kiel University and Forecasting Center of the Kiel Institute for the World Economy.
- Bank of Estonia, Estonia – A Bayesian Approach to Identification of Structural VAR Models. Internal Training. Taught by professor Christiane Baumeister from the University of Notre Dame.
- University of Tartu, Estonia – Summer school in Digital Methods in Humanities and Social Sciences.
- University of Tartu, Estonia – Summer School in Economics, Management, Political Science, Law and Public Administration.
- Kiel Institute for the World Economy, Germany–12<sup>th</sup> Kiel Summer School Macroeconomics and Finance with Big Data.
- University of Tartu, Estonia - Problem Formulation: Formulating well-grounded research questions. Continuing education learning course.
- University of Timișoara West, Romania – 4<sup>th</sup> International Winter School on Big Data.
- 2014 University of Salento, Lecce, Italy - Summer School in Applied Macroeconometrics Programming in MatLab.
- 2010 Italian Institute for International Political Studies (I.S.P.I.), Milan, Italy - Winter School in Project cycle management (international cooperation).

## Programming

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Intermediate: Stata, R, LaTeX

Basic: Matlab, Python

## **Languages**

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Italian (native speaker), English (fluent), French (fluent), Spanish (basic proficiency), German (basic proficiency), Estonian (basic proficiency), Russian (basic proficiency).

## **Non-Academic Work Experiences**

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2016 CEFO, Rome, Italy - Group leader - sports trainer, child care

2013 Farnese Ristrutturazioni SRL, Parma, Italy – Intern - Administration and accounting

2010-2011 "Foyer d' Étudiant Catholique (FEC)", Strasbourg, France - European Volunteer

## **Associative Experiences**

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Since 2017 -Economics Club, University of Tartu, Estonia - Member  
Activism, organization of events and seminars, public relations, research

Since 2011 - Eurobull (Italian version of Le Taurillon), Italy - Editorial Board Member  
Advising, management, peer review, support the editor

Since 2009 - European Federalist Movement, Italy, Member of the executive board of Parma and regional vice-secretary (2013 - 2017). Activism, organization of events and seminars, public relations, research, coordination and management responsibility

2009-2016 - Young European Federalists, Italy Regional secretary (2013-2016) and Italian federal committee member (2011-2015). Activism, organization of events and seminars, public relations, research, coordination and management responsibility.

2007-2017 - Amnesty International Parma junior group, Parma, Italy, Vice President and co-founder. Organization of events and manifestations, public relations.