LUCA ALFIERI

Place and date of birth: Parma, Italy, 05/01/1986

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Academic Positions

Since 2019   Junior Research Fellow (0.5) - University of Tartu

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

Education

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

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

Publications

Alfieri, L. (2020). Heterogeneity of Financial Institutions in the Process of the Economic and Monetary integration in East Asia. *The World Economy* (forthcoming)

Submitted Papers

"Boosting Crises Over a Century – A Multi-country Perspective"
  University of Tartu, 2019 (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, 2019 (Tartu Working Paper Series n° 120).

 "Forecasting US Industrial Production with Boosting in a Big "Fat" Dataset"
  University of Tartu, 2018 (PhD topic paper).

Working papers

"Enhancing Policy Alignment among ECB and Eurozone Members Through External Communications" with Diana Gabrielyan (University of Tartu). University of Tartu, 2020 (PhD topic paper).

"Technology Adoption and Employment Dynamics: Effects of Automation and Gender Pay Gap" with Ilona Pavlenkova (University of Tartu). University of Tartu, 2020.

 "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.

 "How To Approach Scenario Building With Predetermined Decision-Making Constraints" with Kadri Jõgi (University of Tartu), Veronika Krassavina (University of Tartu), Liina Lamson (University of Tartu), Piia Vettik-Leemet (University of Tartu), Anastasia Sinitsyna (University of Tartu), Marie Towner (University of Tartu), Juliia Trabskaia (University of Tartu), and Maaja Vadi (University of Tartu). University of Tartu, 2019.

Projects

Since 2019

The Geography of New Working Spaces and the Impact on the Periphery – COST

The aim of the COST Action is threefold. First, it aims to share the first outcomes of some funded international research projects on the phenomenon of new workplaces, such as Coworking Spaces and Maker Spaces, in order to: (i) identify the typologies (Taxonomy) of such emerging workplaces, and (ii) reveal their spatial distribution, and to explain their location patterns.

Since 2019

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.

2019 (concluded)

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.

2018 - 2019 (concluded)

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.

Conferences organized

2021 3rd Baltic Economic Conference - University of Tartu (Estonia) School of Economics and Business Administration, University of Tartu (in progress).

Other Academic Responsibilities

2020   Member of the defense committee - Master in Quantitative Economics - University of Tartu.

2020   Support activities for the selection committee - Master in Innovation and Technology Management - University of Tartu.

Since 2019   Supervision master theses - University of Tartu.

Since 2018   Opponent for master and bachelor theses - University of Tartu.

Awards, Scholarships and Grants

2020 Best Poster Award, PhD Summer School of the Doctoral School in Economics and Innovation, Doctoral School in Economics and Innovation, Estonia (together with Ilona Pavlenkova)

2017 Full Doctoral Scholarship, University of Tartu

2016 Partial Scholarship, Kiel Institute for the World Economy

2011 Full Scholarship, Strasbourg University

Conferences and Seminars attended

2020   15th Annual Conference of the Estonian Economic Association, Laulasmaa, Estonia.

2019   Modelling with Big Data and Machine Learning: Interpretability and Model Uncertainty, Bank of England, London, United Kingdom.

2019   BigNOMICS - Workshop on Big Data and Economic Forecasting. Centre for Advanced Studies, Joint Research Centre, European Commission, Ispra, Italy.

2019 17th International Scientific Conference, Faculty of Business and Management, Brno University of Technology, Brno, Czech Republic.

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

2018 29th (EC)^2 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

Panoeconomicus, Joint Research Center of the European Commission (book *"Data Science for Economics and Finance: Methodologies and Applications",* forthcoming 2020).

Memberships

Estonian Economic Association, American Economic Association, Spanish Association of International Economics and Finance, Euro Area Business Cycle Network, International Association for Applied Econometrics, Italian Econometric Association.

Scientific Committee Memberships

2019   *"Data Science for Economics and Finance: Methodologies and Applications"* book of contributions edited by Sergio Consoli, Ph.D. - European Commission, Joint Research Centre Diego Reforgiato Recupero, Prof. - University of Cagliari, Department of Mathematics and Computer Science Michaela Saisana, Ph.D. - European Commission, Joint Research Centre. Publisher: Springer. Expected publication (second part 2020).

Summer / Winter School and Short Courses

2020   Marche Polytechnic University, Ancona, Italy – 6th International Winter School on Big Data

University of Tartu, Estonia – Summer School in Economics, Management, Political Science, Law and Public Administration.

Tallinn University of Technology – International Conference & Summer School "Economic Challenges in Enlarged Europe" Summer School – Forecasting with DSGE models online course. Taught by Prof. Michał Rubaszek (Warsaw School of Economics).

Milan Polytechnic University, Milan, Italy – 3rd edition Summer School on Workplace Management, focus: coworking spaces, cost action 18214, online (2nd week only).

2019	Bank of Lithuania, Lithuania, 1st Invited Lectures Series – Learning and Expectations Formation in Macroeconomics and Finance. Taught by Prof. Klaus Adam (University of Oxford).
	University of Tartu, Estonia – Summer School in Economics, Management, Political Science, Law and Public Administration.
	University of Saint Gallen, Switzerland – Empirical Research Methods Summer School –Econometrics of Big Data.
	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–12th 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 Timişoara West, Romania – 4th 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

Stata, R, LaTeX: upper-intermediate; Matlab: low-intermediate; Python: basic

Languages

Italian (native speaker), English (fluent – C1), French (fluent – C1), Spanish (basic proficiency – A2), German (basic proficiency – A1), Estonian (basic proficiency –A2), Russian (basic proficiency – A2).

Non-Academic Work Experiences

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