

# Jelena Reljić

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Born: September 25, 1991 in Belgrade, Serbia  
Nationality: Serbian

## Current position

*PhD Candidate in Economics*, Sapienza University of Rome, Department of Economics and Law  
Supervisor: Mario Pianta (Scuola Normale Superiore, Florence)

My research aims to investigate - conceptually and empirically - the complex set of relationships between technological change, innovation, quantity and quality of jobs and economic performance in industries of advanced and emerging economies. For this purpose, I collected data on labour markets, innovation, digitalisation and economic performance of European industries from different sources (OECD STAN, EU LFS, CIS, WIOT, EU KLEMS) and matched at industry level (2 digits, Nace Rev. 2).

A particular focus of my PhD research is on the impact of digital technologies on labour market dynamics, including the polarisation of the skill structure and the precarisation of work.

## Research interests

Applied economics, technological change, digitalisation, labour markets, income distribution

## Previous positions

- September-October 2019 *Collaboration with Scuola Normale Superiore, Department of Political and Social Science, Florence*  
Collection and elaboration of data on digitalisation at firm and industry level. Construction of appropriate indicators and integration with employment and economic databases. Descriptive and econometric analysis.
- May 2019 *Collaboration with the University of Urbino Carlo Bo*  
Co-organisation of the 14th edition of the weeklong Advanced Course “Innovation, Growth and International Production. Models and Data analysis”.
- March-June 2019 *Collaboration in the research project “The challenge of digitalisation for firms in emerging countries”, coordinated by Professor Mario Pianta.*  
Data collection and empirical analysis of innovation and digital patterns in emerging countries using World Bank Innovation and Enterprise surveys.
- October 2016-March 2017 *Traineeship at the European Commission, Directorate General for Energy, Economic Analysis and Financial Instruments Unit, Brussels (Belgium)*  
Contributed to the development of the new EC guidance for statistical treatment of Energy Performance Contracts, to reduce barriers to green investments. Provided support to the economic modelling team. Worked closely with internal and external stakeholders (EIB, Member States, and NGOs).

August 2016 *EU Twinning Project*, Beirut (Lebanon)  
Supported Public Finance Management Reform in Lebanon. Prepared training program following the development needs and trained eighty employees of the Lebanese Ministry of Finance.

March-September 2016 *Traineeship at the Ministry of Economy and Finance*, Rome (Italy)  
Under supervision drafted policy briefs in the area of public procurement, investment strategies and accounting legislation. Monitored EU accounting legislative developments and prepared reports.

## Education

November 2017 - present\* PhD in Economics, Sapienza University of Rome  
Thesis: Technological change, digitalisation and economic performance in industries  
First year courses: Macroeconomics I and II, Microeconomics I and II, Microeconometrics, Econometrics, Probability, Mathematics and Development economics

October 2016 MSc in Economics, Sapienza University of Rome  
Thesis: Fiscal policy matters - A Dynamic Stochastic General Equilibrium (DSGE) model for Italy  
GPA: 110 cum laude/110

2012-2013 International exchange, University of Bologna

September 2014 BSc in European Economics and Business, University of Novi Sad  
Thesis: Macroeconomic characteristics of Western Balkans and New EU member countries  
GPA: 9.61/10

## Other courses

July 2019 *Macroeconomic Modelling for Labour Market Analysis*, International Training Centre of the International Labour Organization

July 2019 *Panel Data Econometrics: theory and applications*, Italian Econometric Association (SIdE-IEA)

June 2019 *Counterfactual Impact Evaluation (CIE) Summer Week*, EU Joint Research Center

Spring 2018 *Policy Evaluation*, Einaudi Institute for Economics and Finance

June 2018 *International School for Advanced Training, Public Policy Impact Assessment Concept, Methods and Applications*, Roma Tre University

May 2018 *Advanced Course on Innovation, Growth and International Production: Models and Data Analysis*, Sapienza University of Rome

## Teaching experience

May 2019 Stata class during the Advanced Course on Innovation, Growth and International Production.

## Grants, honors & awards

2017-2020 PhD Fellowship, Sapienza University of Rome

2014-2016 Full 2-Years Scholarship for Master Studies, Basileus Scheme, European Commission

2014 Award and scholarship "Dositeja" for the best graduate students in Serbia, Young Talents Fund of the Ministry of Youth and Sports

2013 Winner of the program "Be a Vip Student", Telekom Austria Group

2012-2013 JoinEU-SEE Grant holder, European Commission  
2011,2012, Award for the Academic Achievement, University of Novi Sad  
2013, 2014

## Language skills

Serbian (Native), English (Fluent), Italian (Fluent), French (Basic)

## Digital skills

Advanced: Stata, MS Office • Intermediate: EViews • Basic: SQL, R, SPSS, Python

## Publications & conferences

### JOURNAL ARTICLES

(with Rinaldo Evangelista and Mario Pianta, 2019), “Digital technologies, employment and skills”  
Status: revised and resubmitted to Industrial and Corporate Change

### WORKING PAPERS

(with Armanda Cetrulo, Valeria Cirillo and Andrea Coveri, 2020) “Non-standard work and innovation: Evidence from European industries”  
(with Mario Pianta and Andrea Coveri, 2019), “The Sectoral Innovation Database, 1994-2018. Methodological Note.”  
(with Mario Pianta, in progress), “Innovation and digitalisation in emerging countries’ firms”  
(with Mario Pianta, in progress), “Digital activities and performance in Indian firms’ firms”

### PRESENTATION AT CONFERENCES

30 May 2019 *International Workshop on Technology, Work and Internationalization* at University of Urbino  
Paper presented: Digital technologies, employment and skills  
2 October 2020 *17th Annual STOREP Conference “The Power of Economic Ideas”*  
Paper presented: Non-standard work and innovation: Evidence from European industries