

# FERNANDO STIPANICIC

Postdoctoral Researcher, Haas School of Business, University of California at Berkeley

fernando.stipanicic@berkeley.edu ◊ <https://fernandostipanicic.github.io/> ◊ Citizenship: Uruguayan, Spanish

January 2023

**RESEARCH INTERESTS:** Innovation, International Trade, Spatial Economics

## ACADEMIC APPOINTMENTS

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<b>Postdoctoral Researcher</b> Haas School of Business, University of California at Berkeley	2022 - Present
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## EDUCATION

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<b>Ph.D. in Economics</b> , Toulouse School of Economics, Toulouse, France Committee: Christian Hellwig (advisor), Martí Mestieri, Mohamed Saleh, Mark Schankerman	2022
<b>M.Sc. in Economic Theory and Econometrics</b> , Toulouse School of Economics, Toulouse, France	2017
<b>Visiting Student</b> , University of São Paulo, São Paulo, Brazil	2016
<b>Bachelor in Economics</b> , Universidad de la República, Montevideo, Uruguay	2015
<b>Visiting Student</b> , University of Graz, Graz, Austria	2014

## WORKING PAPERS

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<b>The Creation and Diffusion of Knowledge: Evidence from the Jet Age</b> , with Stefan Pauly This paper provides new causal evidence of the impact of improvements in air travel during the beginning of the Jet Age on the creation and diffusion of knowledge. We digitize airlines' historical flight schedules and construct a novel data set of the flight network in the United States. Between 1951 and 1966, travel time between locations more than 2,000km apart decreased on average by 41%. The reduction in travel time explains 33% of the increase in knowledge diffusion as measured by patent citations. The increase in knowledge diffusion further caused an increase in the creation of new knowledge. The results provide evidence that jet airplanes led to innovation convergence across locations and contributed to the shift in innovation activity towards the South and the West of the United States.	2022
<b>Best paper award</b> at Research in International Economics and Finance (RIEF) Network Conference 2021	
<b>Best paper award</b> at 3rd Student Workshop in Entrepreneurial Finance and Innovation Spring 2022	

## OTHER RESEARCH

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<b>High-speed Trains and the Geography of Innovation: Evidence from France</b> with Gabrielle Gambuli	2021
<b>Railroads and Innovation: Evidence from 19th Century US</b> with Stefan Pauly	2019
<b>Innovation Response to Export Demand: Multi-country Evidence</b>	2018

## PROFESSIONAL APPOINTMENTS

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<b>Ph.D. Intern</b> , International Monetary Fund Research Department. Project: Impact of transport infrastructure improvements on international trade of Colombian firms	2021
<b>Visiting Researcher</b> , World Trade Organization Research Internship.	2020 - 2021
<b>Consultant</b> , Inter-American Development Bank and Central Bank of Uruguay Statistics Unit, Department of National Accounts. Projects: update of Base Year in National Accounts,	2014 - 2016

Estimation of Investment in Energy, R&D and Real Estate sectors, analysis of Current Account and Balance of Trade at the sector level, design and implementation of surveys, elaboration of reports.

## TEACHING EXPERIENCE

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### Teaching Assistant

Macroeconomics at Ph.D. and Master level. Toulouse School of Economics.

2020

For professors: Tiziana Assenza, Fabrice Collard, Christian Hellwig and Nicolas Werquin

## SKILLS

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**Languages** Spanish, English, Portuguese, French

**Technical** R, Python, Matlab, Stata, Microsoft Office, Latex

## PRESENTATIONS

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\*Scheduled, †Cancelled

### 2023

University of California Berkeley\*, University of Oslo\*

### 2022

Federal Reserve Board, CREI - Pompeu Fabra, LMU Munich, Max Planck Institute for Innovation and Competition, Heinrich Heine University Düsseldorf, Bank of Canada, FGV EPGE, Insper, University of Oslo, Spring Meeting of Young Economists EAYE, Mercator School of Management Duisburg†, FREIT San Diego, University of California Berkeley Haas, Student Workshop in Entrepreneurial Finance and Innovation, European Meeting Urban Economics Association, Hong Kong Polytechnic University

### 2021

Geneva Local GTDW, Paris GSIE Seminar, INSEAD/Collège de France, European Meeting Urban Economics Association, UAB Lunch Webinar, Augustin Cournot Doctoral Days, CIREQ PhD, ITFA Annual Conference, African Meeting Econometric Society, Annual Conference AFSE, IAAE Annual Conference, CIEC ESPOL, Annual Conference ITEA, IMF, Bavarian Young Economist Meeting, SED Annual Meeting, Australasian Meeting ES, International Schumpeter Society, YES Princeton, European Economics Association, ifo Dresden Regional Economics, RIEF Paris, ENTER Jamboree Barcelona, LSE Graduate Economic History, IMF Research seminar, Applied Young Economist Webinar, University of Oslo, European Winter Meeting of the Econometric Society