

## ALESSANDRO PERI

### CONTACT INFORMATION

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### RESEARCH INTERESTS

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Macroeconomics, Computational Economics, Law and Economics, Corporate Finance

### APPOINTMENTS

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Faculty Associate, Institute of Behavioral Science University of Colorado Boulder	Mar 21 - Present
Assistant Professor, Department of Economics University of Colorado Boulder	Jan 18 - Present
Instructor, Department of Economics University of Colorado Boulder	Aug 16 - Dec 16

### VISITING

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EIEF, Rome, Italy	2022 (Dec)
University of Pennsylvania, Econ Department, USA	2019 (Fall)
Deutsche Bundesbank - RDSC, Germany	2017, 2018 (Dec), 2019 (Jul)
Bocconi University, Milan, Italy	2017
University of Carlos III, Madrid, Spain	2017

### EDUCATION

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Ph.D. in Economics, Universidad Carlos III de Madrid, Getafe, Spain	2016
<i>Visiting Ph.D. Student, University of Minnesota, Minneapolis, USA</i>	2014-15
Master in Economic Analysis, Universidad Carlos III de Madrid, Getafe, Spain	2012
<i>Visiting Ph.D. Student, Bocconi University, Milan, Italy</i>	2009-10
M.Sc. in Economics, University of Edinburgh, Edinburgh, United Kingdom	2009

M.Sc. in Economics and Finance, Università Bicocca, Milan, Italy <i>Laurea Specialistica in Economia e Finanza</i>	2007
B.A. in Economics and Commerce, Università Bicocca, Milan, Italy <i>Laurea Triennale in Economia e Commercio</i>	2005

## PEER REVIEWED PUBLICATIONS

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- [1] Terrence Iverson, Larry Karp, and Alessandro Peri. “Optimal social distancing and the economics of uncertain vaccine arrival”. In: *Journal of Public Economic Theory* (2022), pp. 1–30. DOI: <https://doi.org/10.1111/jpet.12606>.
- [2] Matthew Burgess, Amanda Carrico, Steven D. Gaines, Alessandro Peri, and Steve Vanderheiden. “Preparing Developed Democracies for Long-Run Economic Slowdowns”. In: *Nature Human Behaviour* 5 (2021), pp. 1608–1621. DOI: <https://doi.org/10.1038/s41562-021-01229-y>.
- [3] Alessandro Peri. “A Hardware Approach to Value Function Iteration”. In: *Journal of Economic Dynamics and Control* 114 (2020), pp. 1–18. DOI: <https://doi.org/10.1016/j.jedc.2020.103894>.
- [4] Alessandro Peri and Omar Rachedi. “Financial Development, Default Rates and Credit Spreads”. In: *The Economic Journal* 130.626 (Feb. 2020), pp. 534–553. DOI: [10.1093/ej/uez049](https://doi.org/10.1093/ej/uez049).

## WORKING PAPERS

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- [5] Andre DeHon, Jesus Fernandez-Villaverde, and Alessandro Peri. *Programming FPGAs for Economics: An Introduction to Electrical Engineering Economics*. Working Paper. 2022. [PDF].
- [6] Alessandro Peri, Omar Rachedi, and Iacopo Varotto. *The Public-Investment Multiplier in a Production Network*. Working Paper. 2022. [PDF].
- [7] Chad Brown, Jeronimo Carballo, and Alessandro Peri. *Bankruptcy Shocks and Legal Labor Markets: Evidence from the Court Competition Era*. **R&R Journal of Law and Economics**. 2021. [PDF].
- [8] Larry Karp, Alessandro Peri, and Armon Rezai. *Selfish incentives for climate policy: Empower the young!* Working Paper. 2021. [PDF].
- [9] Keith E. Maskus, Alessandro Peri, and Anna Rubinchik. *Hiding Filthy Lucre in Plain Sight: Theory and Identification of Business-Based Money Laundering*. CESifo Working Paper, **R&R Economic Journal**. 2020. [PDF].
- [10] Alessandro Peri. *Bankruptcy Reforms when Workers Extract Rents, Reject & Resubmit IER*. Working Paper. 2015. [PDF].

## WORK IN PROGRESS

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- [11] Alessandro Peri. *A Quantitative Theory of Corporate Bankruptcy*. Work in Progress. 2015. [PDF].

## MEDIA COVERAGE

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- . The Daily Californian, UC study predicts COVID-19 vaccine optimism will lead to stricter social distancing
- . ARE Update, Optimal Social Distancing and the Economics of Uncertain Vaccine Arrival
- . The Current, Slowing Ahead

## PRESENTATIONS BY PAPER

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- . *Financial Development, Default Rates and Credit Spreads: HOW 2019* (Jefferson Lab, USA), XXI Finance Forum (Segovia, Spain), Universidad Carlos III de Madrid (Getafe, Spain)
- . *Bankruptcy Reforms When Workers Extract Rents*: Temple University (Philadelphia, USA), Università di Pavia, (Pavia, Italy), SAET - Society for the Advancement in Economic Theory (Ischia, Italy), Colorado State University (Fort Collins, Colorado), Birkbeck University (London, UK), Bocconi University (Milan, Italy), XXV Finance Forum (Barcelona, Spain), Society for Economic Dynamics (Edinburgh, UK), XX Encuentro de Economía Aplicada (Valencia, Spain), Deutsche Bundesbank (Frankfurt, Germany), The University of Iowa (Iowa City, USA), CU Boulder, Leeds School of Business (Boulder, USA), University of Oxford (Oxford, UK), Royal Economic Society Conference (Brighton, UK), Surrey University (Guildford, UK), Bank of Spain (Madrid, Spain), Universitat Autònoma de Barcelona (Barcelona, Spain), ITAM (Mexico City, Mexico), University of Colorado at Boulder (Boulder, USA), Bank of Italy (Rome, Italy), Bocconi University (Milan, Italy), Universitat Pompeu Fabra (Barcelona, Spain), Royal Holloway (Egham, UK), SAEe Conference (Girona, Spain), II Annual PhD Conference - University of Leicester (Leicester, UK), Stockholm School of Economics (Stockholm, Sweden), University of Mannheim (Mannheim, Germany), Doctoral Workshop on Quantitative Dynamic Economics (Konstanz, Germany), 3rd Workshop on Macro Banking and Finance (Pavia, Italy) Macroeconomic Workshops - University of Minnesota (Minneapolis, USA), Universidad Carlos III de Madrid (Getafe, Spain),
- . *A hardware approach to value function iteration*: FED Board (Department of Financial Stability, Washington, USA), CEF - The Society for Computational Economics (Ottawa, Canada), Deutsche Bundesbank (Frankfurt, Germany).
- . *Optimal social distancing and the economics of uncertain vaccine arrival*: CEF - The Society For Computational Economics (online)
- . *Hiding Filthy Lucre in Plain Sight: Theory and Identification of Business-Based Money Laundering* Econometric Society 2022 Australasia Meeting (online), Midwest International Economics Group - Purdue University (West Lafayette, USA), Vanderbilt University (Nashville, USA), Pontificia Universidad Javeriana (online, Colombia), ASSA Annual Meeting 2022, SED - The Society for Economic Dynamics (Minneapolis, USA), Institute of Behavioral Science - CU Boulder (Boulder, USA), University of Massachusetts Lowell (Lowell, USA)
- . *Quantitative Theory of Corporate Bankruptcy*: ENTER Jamboree (Stockholm, Sweden), Workshop on Dynamic Macroeconomics (Vigo, Spain), Macroeconomic Workshops - University of Minnesota (Minneapolis, USA), Universidad Carlos III de Madrid (Getafe, Spain)
- . *Programming FPGAs for Economics: An Introduction to Electrical Engineering Economics*: CU Boulder, Math Department (Boulder, USA), ASSA Annual Meeting 2023, Bank of Italy (Rome, Italy), NBER Summer Institute Meetings, 2022, SED - The Society for Economic Dynamics, 2022 (Madison,

USA), CEF 2002 -The Society For Computational Economics (Dallas, USA), Floating Point Acceleration for Computational Economics, Bank of Italy (online)

## SEMINARS AND CONFERENCES

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- 2023: ASSA Annual Meeting 2023, CU Boulder Math Department (Boulder, USA)
- 2022: ASSA Annual Meeting 2022, Pontificia Universidad Javeriana (Bogota, Colombia), Vanderbilt University (Nashville, USA), Midwest International Economics Group - Purdue University (West Lafayette, USA), CEF 2002 -The Society For Computational Economics (Dallas, USA), SED - The Society for Economic Dynamics (Madison, USA), Econometric Society 2022 Australasia Meeting (online), NBER Summer Institute Meetings, 2022, Bank of Italy (Rome, Italy)
- 2021: SED - The Society for Economic Dynamics (Minneapolis, USA), CEF - The Society For Computational Economics (online), Institute of Behavioral Science - CU Boulder (Boulder, USA), Floating Point Acceleration for Computational Economics, Bank of Italy (online)
- 2020: University of Massachusetts Lowell (Lowell, USA)
- 2019: FED Board (Department of Financial Stability, Washington, USA), Temple University (Philadelphia, USA), Università di Pavia, (Pavia, Italy), SAET - Society for the Advancement in Economic Theory (Ischia, Italy), CEF - The Society for Computational Economics (Ottawa, Canada), Colorado State University (Fort Collins, Colorado), HOW 2019 (Jefferson Lab, USA)
- 2018: Deutsche Bundesbank (Frankfurt, Germany)
- 2017: Birkbeck University (London, UK), Bocconi University (Milan, Italy), XXV Finance Forum (Barcelona, Spain), Society for Economic Dynamics (Edinburgh, UK), XX Encuentro de Economía Aplicada (Valencia, Spain), Deutsche Bundesbank (Frankfurt, Germany),
- 2016: The University of Iowa (Iowa City, USA), CU Boulder, Leeds School of Business (Boulder, USA), University of Oxford (Oxford, UK), Royal Economic Society Conference (Brighton, UK), Surrey University (Guildford, UK), Bank of Spain (Madrid, Spain), Universitat Autònoma de Barcelona (Barcelona, Spain), ITAM (Mexico City, Mexico), University of Colorado at Boulder (Boulder, USA), Bank of Italy (Rome, Italy), Bocconi University (Milan, Italy), Universitat Pompeu Fabra (Barcelona, Spain), Royal Holloway (Egham, UK)
- 2015: SAEe Conference (Girona, Spain), II Annual PhD Conference - University of Leicester (Leicester, UK), Stockholm School of Economics (Stockholm, Sweden), University of Mannheim (Mannheim, Germany), Doctoral Workshop on Quantitative Dynamic Economics (Konstanz, Germany), 3rd Workshop on Macro Banking and Finance (Pavia, Italy) Macroeconomic Workshops - University of Minnesota (Minneapolis, USA), Universidad Carlos III de Madrid (Getafe, Spain)
- 2014: ENTER Jamboree (Stockholm, Sweden), Workshop on Dynamic Macroeconomics (Vigo, Spain), Macroeconomic Workshops - University of Minnesota (Minneapolis, USA), Universidad Carlos III de Madrid (Getafe, Spain)
- 2013: XXI Finance Forum (Segovia, Spain), Universidad Carlos III de Madrid (Getafe, Spain)

## AWARDS AND HONORS

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AWS Credits, NSF CC Hybrid Cloud Award, 2022, Research computing, University of Colorado, USA

Calderwood Teaching Award, 2022, Department of Economics, University of Colorado, USA

*IBS' Undergraduate Research Experiences for Diversity Grant*, 2021, Institute of Behavioral Science, University of Colorado, USA

XSEDE Research, Computational Resources Allocation, TG-SES190015, associated to the project *Bankruptcy Reforms when Workers Extract Rents*, 2019-2020, XSEDE, USA

XSEDE Research, Computational Resources Allocation TG- SES180009, associated to the project *Financial Development, Default Rates, and Credit Spread*, 2018, XSEDE, USA

AEFIN Award to the Best Paper of the XXI Finance Forum, 2013, AEFIN, Segovia, Spain

## SCHOLARSHIPS - BEFORE PHD

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Mobility Grant, Universidad Carlos III de Madrid, Spain 2014-2015

PIF Research Grant, Universidad Carlos III de Madrid, Spain 2010

ESRC Research Grant, Edinburgh, UK Declined, Sep 09

Research Grant, Università di Milano - Bicocca, XXIV Cycle Declined, Sep 10

## TEACHING

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**CU Boulder, Macroeconomic Theory II, ECON7040:** 2022: 14 students, 5.17 FCQ, in-person; 2021: 12 students, 5.5 FCQ, online; 2020: 16 students, NA FCQ, in-person/online. *Previous years:* 2019.

**CU Boulder, Principles of Macroeconomics, ECON2020:** 2021: 653 students, 4.27 FCQ, in-person; 2020: 226 students, NA FCQ, in-person/online. *Previous years:* 2019, 2018, 2016.

**Pre-PhD: IE Business School** (Instructor): Macroeconomics (undergraduate); **UC3M** (TA): Macroeconomics I (undergraduate), Monetary and Financial Macroeconomics (master), Macroeconomics III (graduate), **Università degli Studi di Milano - Bicocca** (TA): C and SQL programming.

## ADVISING

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### CHAIR/CO-CHAIR

. Ph.D. University of Colorado Boulder (*cohort, year*): Paro Suh (III,2022), Lucas Ladenburger (III,2022), Chad Brown (III,2019)

. Ph.D. University of Colorado Boulder, Graduated (*graduation, initial position*):

- Burl Amsbury (2022)

- Jordan Lenger (2020, Bank of America)
- Jiannan Zhou (2021, Shandong University)

. Undergraduate, University of Colorado Boulder: Luke Boyce (2022)

#### COMMITTEE MEMBER

. Ph.D., University of Colorado Boulder: Kyoung-Gon Kim, Yuwei Jia, Kassandra Mclean, Payne Hennigan, Ali Almelhem, Hoyn Kim

#### DEPARTMENT SERVICE

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Graduate Admissions Committee, Department of Economics,  
University of Colorado Boulder 18 - Present

CU Boulder Macro-Brownbag Organizer,  
University of Colorado Boulder 18 - Present

#### CAMPUS SERVICE

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Co-Organizer of Faculty Sanity,  
University of Colorado Boulder 22 - Present

#### REFeree SERVICE (ALPHABETICAL ORDER)

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Economic Inquiry, European Economic Review, International Economic Review, Journal of Corporate Finance