



## REPORT OF ACTIVITIES 2020

The Institute of Political Economy and Governance (IPEG) aims at becoming the center of reference on Political Economy of the south of Europe. During 2020 we started the implementation of many new activities proposed in the action plan of last year. During this new period, IPEG continues strengthening its research base bringing together researchers at UPF, CREI, IBEI and ICREA working in the field of political economy and conflict with an interdisciplinary perspective. The IPEG faculty spans various disciplines, and includes young researchers from economics, political science, history, etc. Currently the center counts with the collaboration of 13 Researchers, 4 Postdocs and 16 Ph.D. students. The quality of our team and research is certified by counting with 6 ERC (European Research Council) grant holders 6 ICREA Research Fellows, and 2 Research Professors of the Barcelona GSE among our Researchers.

**The Collaborators of IPEG include 13 Senior Researchers,  
4 Postdocs and 16 Ph.D. Students.  
The research team includes 6 ICREA Research Fellows, 6  
ERC-Grants recipients and 2 Barcelona GSE Research Prof.**

Our goal is to conduct research to understand and prevent the collapse of states and societies. Inequality, social protests, terrorism and wars are currently critical problems of our world. No society can sustain high levels of inequality without generating grievances, social violence and, potentially, collapsing their institutional set-up and dissolving their social contract. Our approach relies on an Evidence Based Perspective, using research frontier methodology and new, and very detailed, data (big data sources based on GIS, satellite data, text analysis, data from cell phones connections, etc.). We use frontier research data-driven analysis to provide a new perspective to the toughest problems of our society.

In accordance with the new research orientation proposed by the direction, IPEG created a Scientific Committee in 2017, aligned with the new goals of the center, and composed by highly influential, and internationally recognized, scholars in the field of political economy which includes:

- Timothy Besley, Professor of Economics, W. Arthur Lewis Professor of Development Economics, London School of Economics.
- James Fearon, Professor of Political Science, Theodore and Frances Geballe Professor, Stanford University.
- David Laitin, Professor of Political Science, James T. Watkins IV and Elise V. Watkins Professor, Stanford University.
- Torsten Persson, Swedish Research Council Distinguished Professor, Institute for International Economic Studies.
- James Snyder, Professor of Government, Leroy B. Williams Professor, Harvard University.
- Guido Tabellini, Professor of Political Economy, Department of Economics, University of Bocconi.

We trust that the high academic relevance of all the members of the Scientific Committee, as well as their experience, will help to drive the center to the highest scientific recognition. Their role will be critical in shaping the research lines of the center and advising on the best strategies to reach the highest academic standards. The Scientific Committee advises informally on a permanent basis, depending on the issue at hand and their specific expertise.

## 2. Researchers

At this time the line-up of researchers of the center is the following:

**Caterina Calsamiglia**, ICREA Research Professor, Ph.D. in Economics from Yale, and her research focuses on the political economy of school choice, affirmative action and welfare economics.

**Antonio Ciccone** (Professor at Manheim University, and former ICREA, UPF, and Barcelona GSE), Ph.D. Stanford University; working on education, Institutional development and conflict.

**Ruben Durante** (UPF and Barcelona GSE), ICREA Research Professor, Ph.D. Brown University, working on media, conflict and identity.

**Ruben Enikolopov**, Ph.D. in Economics from Harvard and a permanent ICREA researcher since 2014, specializing in the analysis of political institutions through experimental methods.

**Aina Gallego** (IBEI). She works on political participation, inequality and political conflict and ethno-national identities.

**José G. Montalvo** (UPF, and Research Professor at the Barcelona GSE), Ph.D. Harvard University, working on education, Institutional development, conflict and electoral studies.

**Albrecht Glitz** (UPF and Barcelona GSE), Ph.D. University College London, working on wage inequalities, immigration and institutions.

**Humberto Llavador** (UPF and Barcelona GSE), PhD University of California-Davis, working on political economy, climate change and welfare economics.

**Gianmarco León** (UPF and Barcelona GSE), PhD University of California, Berkeley, working on voter behavior, selection and incentive mechanisms for public sector workers, conflict and human capital

**Luigi Pascali** (UPF and Barcelona GSE), PhD Boston College, working on institutional development and conflict using historical natural experiments.



**Maria Petrova**, PhD in Economics from Harvard University and permanent ICREA researcher since 2013, media and policy specialist.

**Giacomo Ponzetto** (CREI, UPF and Barcelona GSE), works on the political economy of urban development, the political economy of globalization, strategic extremism, the political economy of transportation investment and the political economy of centralization and democratization.

During 2020 we have won an ICREA new position with **Paula Bustos**, who is expected to join IPEG next year or 2022. Paula Bustos obtained her Ph.D. in Economics at Harvard University. Her work has been published in leading journals such as the American Economic Review and the Quarterly Journal of Economics. She obtained a Starting Grant from the European Research Council in 2017 and she is also Co-PI (with Costas Arkolakis from Yale University) of the Trade and Spatial Frictions Theme in the Structural Transformation and Economic Growth (STEG) Research Consortium founded by the UK DFID in 2020.

### **3. Post-doctoral Students**

The personal of the center included 4 post-docs during 2020.

### **4. PhD Students**

There are 16 PhD students working with the researchers at IPEG.

### **5. Visitors**

Due to COVID-10 Pandemic, we cancelled all the visitors from March on. The only visitor that manage to come before the close down was Kim Fe Kremer (Columbia Business School),

### **6. Research Activities: research grants' applications, seminars and conferences**

During 2020 IPEG organized the following research grants applications, seminars and workshops:



### *Research grants' applications:*

During 2020 IPEG submitted four research proposals: to the “Fondo Supera Covid-19” (Banco Santander and CRUE), to the “Ayudas Fundación BBVA a Equipos de Investigación Científica SARS-CoV-2 y COVID-19 and one to the “Social Research Call 2020” of “la Caixa” Foundation. Finally to the “PANDÈMIES 2020 call” from Departament d’Empresa i Coneixemnet de la Generalitat de Catalunya. The results are very satisfactory since IPEG got three out of the four. These calls were very competitive: our project was selected among the 15 winners out of the 768 project presented in the “la Caixa” Call and one of the four winner projects out of 365 project in the FBBVA call. There three of them sum up to 476.000 euros.

### *Seminars:*

Olle Folke (Uppsala University), Johannes Spinnewijn (LSE), Guido Tabellini (Bocconi), Tim Besley (LSE), Imran Rasul (UCL), Richard Hornbeck (University of Chicago), Ekaterina Zhuravskaya (PSE), Guy Michaels (LSE), Seema Jayachandran (Northwestern University).

### *Other activities:*

**Reading Group in Media and Political Economy.** The reading group on media economics is organized as a weekly meeting in which participants present either their own projects on topics related to mass media or discuss recently published papers on the topic. Overall, the group consisted of 24 participants.

**“Brainstorming Meetings”** for PhD students in political economy at UPF. The idea of the meeting is to meet regularly students and professors interested in the application of data science techniques to political economy issues, to discuss research ideas and new data before starting a project. In these meetings they can discuss the potential of the proposed project. The meetings help also to increase the cooperation among students, and between students and professors.

### *Workshops:*

IPEG had to postpone due to Covid-19 the annual conference “Political Economy of Development and Conflict VIII” that was planned to take place in Barcelona during May 2020. Organisers: Marta Reynal-Querol (ICREA-UPF; Barcelona GSE and IPEG); J. Garcia-Montalvo



(UPF, ICREA Academia, Barcelona GSE and IPEG); Antonio Ciccone (ICREA-UPF, Mannheim University, Barcelona GSE and IPEG). The speakers had been already confirmed for May 2021, in online format.

IPEG also had to post-pone the organization of three of the Summer Forum 2020 workshops at the Barcelona GSE

**Barcelona GSE Research Webinar:** IPEG organized the workshop “Advances in Micro Development Economics” in Barcelona on June 15-16, 2020. Organizers: Giacomo De Giorgi (University of Geneva); André Gröger (UAB and Barcelona GSE); Gianmarco León-Ciliotta (UPF, IPEG and Barcelona GSE); Alessandro Tarozzi (UPF and Barcelona GSE). This year speakers included: Yogita Shamdassani (National University of Singapore); Benjamin Marx (Sciences Po); Elliott Ash (ETH Zürich); Salvatore Di Falco (University of Geneva); Elisa M. Maffioli (University of Michigan); Cynthia Kinnan (Tufts University); Manaswini Rao (University of California Berkeley); Vittorio Bassi (University of Southern California).

IPEG organized the **workshop “Children’s Health, Well-Being, and Human Capital Formation”** in Barcelona on June 15-17, 2020. Organizers: Caterina Calsamiglia (IPEG), Gabriella Conti (University College London), Meltem Daysal (University of Southern Denmark), Libertad González (UPF and Barcelona GSE), Kjell Salvanes (Norwegian School of Economics) and Hannes Schwandt (Northwestern University). This year speakers were: David Gill (Purdue University), Diego Daruich (University of Southern California - Marshall), Herdis Steingrimsdottir (Copenhagen Business School), Sofia Trommlerová (UPF and Barcelona GSE), Tiago Bonomo (University of British Columbia), Helena Bolt (UCL & IFS), Gabriella Conti (University College London), Joanna Kopinska (CEIS, University of Rome Tor Vergata), Kristiina Huttunen (Aalto University and VATT Institute for Economic Research), Margarita Machelett (Banco de España), Malte Sandner (Institute for Employment Research (IAB), Tadeja Gracner (RAND Corporation), Maya Rossin-Stlatter (Stanford University), Nina Guyon (National University of Singapore), Camille Terrier (University of Lausanne), Simon ter Meulen (University of Amsterdam), Alessandro Toppeta (UCL), Giuseppe Sorrenti (Amsterdam School of Economics), Annalisa Loviglio (University of Bologna), Ignacio Monzón (Collegio Carlo Alberto).



### **2020 Ridge Virtual Forum: Workshop Towards Sustainable Growth:**

The Workshop Towards Sustainable Growth was organized by: Scientific Committee: Giorgio Chiovelli (Universidad de Montevideo), Omar Licandro (Nottingham University), Luigi Pascali (Universitat Pompeu Fabra, IPEG and Barcelona GSE), Felipe Valencia Caicedo (University of British Columbia) and Diana Van Patten (Princeton University). The speakers were: Erik Hornung (University of Cologne), Sebastian Ellingsen (Universitat Pompeu Fabra), Conor Walsh (Princeton University), Nancy Qian (Northwestern University), Guo Xu (UC Berkeley, Haas School of Business), Jeremiah Dittmar (LSE), Martin Fiszbein (Boston University), Apoorv Gupta (Dartmouth College), Michela Giorcelli (UCLA Economics), Nathan Nunn (Harvard University and CIFAR), Sascha Becker (Monash U and U Warwick), Elias Papaioannou (London Business School), Augustin Bergeron (Harvard University), Eduardo Montero (University of Michigan), Miriam Artiles (Universitat Pompeu Fabra), Sebastian Ottinger (UCLA Anderson School of Management), Nico Voigtländer (UCLA Anderson School of Management), Roberto Galbiati (CNRS-Sciences Po), Paola Giuliano (UCLA Anderson School of Management).

**Online seminar series for the project TECHNO (funded by Norface):** Aina Gallego (IPEG) organized the Seminar Series of the project TECHNO. The speakers were: Karen Jeffrey (Kings College London); Piero Stanig (Bocconi University); Maria Petrova (Universitat Pompeu Fabra) and Nikolas Schoell (Universitat Pompeu Fabra); Anke Hassel (Hertie School); Stefano Sacchi (Italian National Institute for the Analysis of Public Policy), and Marius Busemeyer (Konstanz University).

**Virtual Development Economics Webinar:** The virtual development economics seminar series (VDEV) is organized by Martina Björkman Nyqvist (Stockholm School of Economics and Misum), Giacomo De Giorgi (IEE/GSEM, University of Geneva), Gianmarco León-Ciliotta (UPF, IPEG and Barcelona GSE), and Karen Macours (PSE, INRAE), with the support of CEPR. It will take place on Tuesday at 5pm Barcelona/Geneva/Paris/Stockholm, 4pm BST, 11am EST, 8am

PST. The speakers were: Seema Jayachandran (Northwestern University), Elisabeth Sadoulet (UC Berkeley), Michael Kremer (Harvard University), Chris Udry (Northwestern University), Pascaline Dupas (Stanford University), Costas Meghir (Yale University), Eliana La Ferrara (Bocconi University), Esther Duflo (MIT), Tavneet Suri (MIT), Abhijit Banerjee (MIT), Edward



Miguel (University of California Berkeley), Ben Olken (MIT), Rohini Pande (Yale), Jakob Svensson (IIES, Stockholm University), Andrew Foster (Brown University), Alessandra Voena (Stanford University), and Oriana Bandiera (LSE).

## **7. Research, Laboratories and Large Projects:**

As decided in previous year we keep the four research lines.

Political Economy of Media.

Political Economy of Poverty, Inequality, Redistribution and Social Mobility

Political Economy of Conflict and Globalization

Political Economy of Urbanization and Climate Change

Each research line has a PI and researchers who work on the topic. Some of the research lines have a laboratory with large projects connected. Ideally we would have one Laboratory attach to each line. The main individual research projects linked to each line are summarized at the end of the Memoria together with the publications.

During 2020, three of the research lines were active in terms of research:

- Political Economy of Media
- Political Economy of Poverty, Inequality, Redistribution and Social Mobility
- Political Economy of Conflict and Globalization

And during 2020 two of them had an active Laboratory:

- Political Economy of Poverty, Inequality, Redistribution and Social Mobility (Laboratory of Inequality)
- Political Economy of Conflict and Globalization (Laboratory of Conflict Prediction)

In this section I explain the evolution during 2020 of the Laboratories and Large projects.

We have expanded the projects one of active laboratories, we have close one laboratory that was not directly linked to any research line and we have open a Special Research line on COVID-19 and Political Economy using Big Data, driven by the Pandemia Situation in 2020.





Laboratory of Inequality: 2 data projects

The laboratory of Inequality has now two important data projects going on. The first one is the original one that works with satellite data and that we already started consolidating last year. The second one has been created in 2020, as was born as a result of a project related to COVID-19 that I will describe later.

### **1) *Using Nightlight imagery to estimate inequality: an update***

We have worked a lot to try to consolidate the "Laboratory of Inequality", which builds inequality measures using satellite information, (night lighting and day), which for the first time will allow to obtain very detailed and specific data about poverty, inequality, etc. for areas smaller than 1 square kilometer worldwide.

We have been producing the algorithms to develop this initiative during the last four-five years together with MareNostrum BSC-CNS and a team of engineers.

We have now the first version of the data, computed at the country level, administrative level 1 for all countries in the world, at grid level and at the ethnic group level. And we are now finishing the construction of measures of within and between groups inequality. We are working now on how to visualize in maps the public version of the data while working on the scientific articles.

This year we have specifically work on an online platform to visualize the data at all levels. We hope that the platform will be online during 2021.

#### *Satellite day images*

We have also start moving into a more complex type of data which is satellite day images. For this purpose, we have been in contact with Planet and Digital Globe, who is the firm that provides the images to Google Earth.

Our engineers are already working on potential algorithms to deal with these images. This is a very difficult task since, opposite to nightlight data, day light images are very heterogeneous in terms of the structures to be measured for proxying economic development. One way of attacking this problem is to use information on nightlight, which we know very well, to approximate rich and poor areas. Using this benchmark, we can try to identify the specific characteristics of those areas in terms of structures like type of roofs, height of the buildings, etc. We started working on this direction but we are in a very preliminary stage. Moreover, we have postponed this part of the project due to Pandemic situation during 2020.

## **2) Real Time economics: using high frequency data to track the pandemic**

We have also kicked-off a collaborative effort with CaixaBank Research in order to analyze wage inequality in the context of the impact of the COVID-19. The idea is to use payroll data to study the evolution of wage inequality before and after the confinement period. We have also analyzed the effect of the public subsidies in taming the increase in inequality. The high frequency of the data allows monitoring monthly the evolution of inequality, producing a monthly report. The granularity of the data allows also analyzing the impact of the sectoral distribution of the Spanish economy on the evolution of general inequality, and studying the evolution of intergenerational and geographical inequality. In the future we would like to merge this information with POS to analyze important aspect on the recovery of the economy as the differential marginal propensity to consume in function of income, and the impact of uncertainty on consumption even for families that have not seen a reduction in their income.

This project has introduced a new methodology to track inequality in real time, and will become an important data production of IPEG.

### Laboratory of Optimization for development: CLOSED

In line with the idea of applying Data Science techniques to analyze political economy problems, in the past we planned to explore an interdisciplinary project that will apply optimization techniques to development problems. As far as we are aware this is quite an unexplored area since researchers with knowledge of optimization techniques have usually worked on topics related with business operations. With the access to spatial information on variables related to infrastructure, law and order, education, etc., started to develop this innovative new research line.

This was completely exploratory, and we started with a couple of researchers at UPF (Helena Ramalinho and Jesica de Armas), and people of the World Bank group. At the moment we have generate one piece of work using very detail information for a Mexico urban center, Benito Juarez. At the moment this line has a lot of potential for policy application.

Last year we explained that depending on how this will evolve it could finally become part of the research lines, or a consultancy section.

We have decided that this initiative will not be part of a Laboratory. Although if we growth on this direction it will become a large project integrated at IPEG

### Laboratory of Conflict Prediction:

As explained in the Action Plan 2019, in 2020, we have started to work on conflict prediction. This is an extremely complicated topic that needs interdisciplinary work specially the collaboration of engineers. After a careful reading of the literature and after a special consultation with engineers and computer science specialists we decided in 2019 to start this novel project. The main novelty compare with existing literature is precisely the application of research frontier methods for the analysis of conflict prediction. The literature that has worked on this comes uniquely from social sciences. Although they tried to apply some techniques they have done it from a social science background with papers being, from a computer science perspective, extremely weak and not well developed. The joint collaboration of engineers allows applying very novel and sophisticated prediction techniques that have been used in other areas but never in conflict prediction, providing new and more precise results. We have been working with the methodology and algorithms, and this year we have been trying to get the data we need to apply them. During 2020 we have been trying to solve some of the data issues:

In particular, as explained in the Action plan for 2020, we bought FACTIVA data sources. Moreover in order to get access to PROQUEST dataset, we have applied to a very competitive program to get free access to this data and our proposal has been one of the five research projects to be awarded a 6 months access to TDM studio. The access to this data had started in 2021.

Due to COVID-19, we have dedicated a lot of time to COVID-19 related projects, and we have postponed in part the development of this laboratory, while waiting for the data.

### **Special Research line: COVID-19 and Political Economy using Big Data**

Given the current global crises generated by COVID-19 pandemic, IPEG has also started the design of projects to help understanding the political economy consequences of the global pandemic. In this line we are currently designing projects that we are now starting.

One of the projects is the one already described in the Laboratory of inequality. “Real Time Economics: sing high frequency data to track the pandemic.

*Other research going on at IPEG on COVID-19 concerns Social Capital:*

Ruben Enikolopov, Maria Petrova together with Georgy Egorov from Kellogg School of Management, Northwestern University, and Alexey Makarin, Einaudi Institute for Economics and Finance, study how pre-existing social interactions affect social distancing during the spread of COVID-19. They provide a theoretical model that describes the incentives of people to observe social distancing depending on the expected behavior of other members of society and show that social attitudes play an important role in explaining the effectiveness of social distancing. They test this model using the data from Russian cities. They exploit pre-existing migration patterns to Moscow to provide a source of quasi-exogenous variation in the timing of the spread of coronavirus. The reduction in social mobility after the first cases of coronavirus in a region are reported is stronger in places that are more socially cohesive. This effect is attenuated in places with higher social media penetration.

Ruben Durante together with Luigi Guiso analyze if social distancing can succeed in slowing the spread of COVID-19 if citizens voluntarily comply with it and internalize the cost of their mobility on others. Using data on individual mobility across Italian provinces they document that, after the start of the pandemic, mobility declined disproportionately more in areas with higher civic capital. This pattern holds even before the national lockdown - when no police enforcement was in place - and is not driven by higher risk of contagion or differences in healthcare capacity. They find consistent results for Germany where social distancing measures have been generally milder and citizens had greater discretion to manage their mobility.

Publications and forthcoming papers:

**Calsamiglia, C.;** Miralles, and Martinez-Mora, F. Sorting in Public School Districts under the Boston Mechanism. *The Economic Journal*. Forthcoming.

**Calsamiglia, C.;** Fu, C. and Güell, M. Structural Estimation of a Model of School Choices: the Boston Mechanism vs its Alternatives. *Journal of Political Economy*, Volume 128, February 2020.

**Durante, R.;** Guiso, L. and Gulino, G. Social Capital: Civic Culture and Social Distancing during COVID-19. Accepted, *Journal of Public Economics*,

**Durante, R.;** Buggle, J. Climatic Risk, Cooperation, and the Co-Evolution of Culture and

Institutions. Accepted, *Economic Journal*,

**Durante, R.**; Depetris-Chauvin, E. and Campante, F. Building Nations through Shared Experiences: Evidence from African Football. *American Economic Review*, vol. 10, n. 5, pp. 1572-1602. 2020.

**Durante, R.**; Beattie, G.; Knight, B. and Sen, A. Advertising Spending and Media Bias: Evidence from News Coverage of Car Safety Recalls. *Management Science*, May 2020.

**Enikolopov, R.**; Egorov, G.; Makarin, A. and **Petrova, M.** Divided We Stay Home: Social Distancing and Ethnic Diversity. *Journal of Public Economics*. Forthcoming.

**Gallego, A.**; Kurer, T. and Schöll, N. Neither Left-Behind nor Superstar: Ordinary Winners of Digitalization at the Ballot Box. *Journal of Politics*, forthcoming.

**Gallego, A.** and Janezic, K.A. Eliciting preferences for truth-telling in a survey of politicians. *Proceedings of the National Academy of Sciences*, 117 (36), 22002-22008, 2020.

**Gallego, A.**; Beltrán, J.; Huidobro, A.; Romero, E. and Padró, Ll. Gendered language in Political Communication: A Machine Learning Approach". *European Journal of Political Research*, forthcoming.

**G.Montavo, J. and Reynal-Querol, M.** "Ethnicity and Growth: Revisiting the Evidence" Forthcoming *Review of Economic and Statistics*.

**Glitz, A.** and Vejlin, R. Learning Through Coworker Referrals. *Review of Economic Dynamics*. Forthcoming.

**Glitz, A.**; Brücker, H.; Lerche, A. and Romiti, A. Occupational Recognition and Immigrant Labor Market Outcomes. *Journal of Labor Economics*. Forthcoming.

**Glitz, A.** and Meyersson, E. Industrial Espionage and Productivity. *American Economic Review*, Vol. 110 (4), pp. 1055-1103, 2020.

**Leon-Ciliotta, G.**; Gonzales, M. and Martinez, L. How Effective Are Monetary Incentives to Vote? Evidence from a Nationwide Policy. Conditionally accepted at *American Economic Journal: Applied Economics*. 2020.

**Leon-Ciliotta, G.**; Artiles, M. and Kleine-Rueschkamp, L. Accountability, Political Capture and Selection into Politics: Evidence from Peruvian Municipalities. *Review of Economics and Statistics*. Forthcoming.

**Leon-Ciliotta, G.**; Hansman, C.; Hjort, J and Teachout, M. Vertical Integration, Supplier Behavior, and Quality Upgrading among Exporters. *Journal of Political Economy*, Vol 128(9):3570-3625. September 2020.

**Llavador, H.** and Carbonell-Nicolau, O. Elasticity determinants of inequality-reducing income



taxation. *Journal of Economic Inequality*. 2020.

**Petrova, M.; Enikolopov, R.** and Makarin, A. Social Media and Protest Participation: Evidence from Russia. *Econometrica*, 88 (4): 1479-1514. July 2020.

**Petrova, M.; Enikolopov, R.** and Zhuravskaya, K. Political Effects of the Internet and Social Media. *Annual Review of Economics*, 12: 415-438. August 2020.

**Petrova, M.;** Sen, A. and Yildirim, P. Social Media and Political Donations: New Technology and Incumbency Advantage in the United States. *Management Science*, forthcoming.

**Ponzetto, G.;** Gancia, G. and Ventura, J. A Theory of Economic Unions. *Journal of Monetary Economics*, 109: 107-127. 2020.

**Ponzetto, G.;** Behrer, A.P.; Glaeser, E. L. and Shleifer, A. Securing Property Rights. *Journal of Political Economy*. Forthcoming.

**The publications / forthcoming of the Researchers at IPEG include 8 publications in top 5 journals, 9 in the top 15% of impact factor and 2 other publication in SCI indexed journals**

Other relevant information:

Calsamiglia, Caterina: IZA Coronavirus Emergency Research Thrust winner (7,500€).

Leon-Ciliotta, Gianmarco: American Economic Review, Excellence in Refereeing Award 2020.

Ponzetto, Giacomo: Co-Chair of the Program Committee of the 2020 Virtual Meeting of the Urban Economics Association; Member of the Award Committee for the EEA Young Economist Award.