

# CURRICULUM VITAE of FRANCESCO VONA

March 2022

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## A. GENERAL INFORMATION

### Personal

Date of birth: 18-06-1977, Rome (Italy)  
Languages: Italian (mother tongue), English and French  
Married, three children (Isabella, Elena and Leonardo)

### Contacts

Email: [Francesco.Vona@unimi.it](mailto:Francesco.Vona@unimi.it) (old but active: francesco.vona@sciencespo.fr)  
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Google scholar: <https://scholar.google.com/citations?user=KzvmAAIAAAAJ&hl=en>

### Current Positions and Main Activities

- *Full Professor of Economics* (SECS-P/01), University of Milan, Department of Environmental Science and Policy
- *Director of the program* 'Labour in the low-carbon transition' of the Fondazione Eni Enrico Mattei (FEEM)
- *Research Associate*, OFCE Sciences-Po, Knowledge, Technology and Organization (KTO) SKEMA and Euro-Mediterranean Center on Climate Change (CMCC)
- *Visiting Research Fellow*, Grantham Institute on Climate Change and the Environment, London School of Economics (LSE)
- *Associate Editor*, *Politica Economica- Journal of Economic Policy*

### Qualifications

- *Habilitation à Diriger des Recherches* (HDR), Université Nice Cote d'Azur (2016)
- *Italian Qualification as Full Professor*: Economics SECS-P/01, Economic Policy SECS-P/02, Applied Economics SECS-P/06 (2018)

### Previous Positions

- *Senior Economist*, OFCE Sciences-Po (French Economic Observatory of Sciences-Po), from October 2010 (Senior from June 2013).
- *Adjunct Visiting Professor*, University Ca' Foscari of Venice (2018-2021)
- *Post-Doc Research Fellow*, Department of Public Economics University of Rome 'La Sapienza' 2009-2010.
- *Scientific Coordinator* Sciences-Po team, INNOPATHS (EU2020 project).
- *Research Associate*: RASTANEWS (EU FP7 Project 2013-15), POLHIA (EU FP7 Project 2009-2011); INEQ (EU FP7 Project, 2009); Isigrowth (EU H2020 project, 2015-2018), Value Added in Motion, ENEL foundation (2013-16)
- *Visiting Scholar*: London School of Economics, Grantham Institute on Climate Change and the Environment (2019); Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC), Venice (2017-2018); Fondazione Enrico Mattei (FEEM), Venice (2012 and 2017); Maxwell School of Public Affairs, Syracuse US (2014); Institut d'Economia de Barcelona (IEB, 2014); Manchester Institute of Innovation Research (2007-2009)

### Academic Education

- PhD in Economics, University 'La Sapienza', 2008

## B. RESEARCH

### Publications in peer reviewed journals

1. Popp, D., Vona, F., Marin, G., Chen, Z., 2022. 'The Employment Impact of Green Fiscal Push: Evidence from the American Recovery Act,' NBER working paper 27321, ***Brookings Papers on Economic Activity*** forthcoming (featured in *The New York Times* x2, *CNN*, *voxeu.org*, *Smart Prosperity Institute blog*, *Washington Examiner*).
2. Marin, G., Vona, F., 2021. 'The Impact of Energy Prices on Socioeconomic and Environmental Performance: Evidence from French Manufacturing Establishments, 1997-2014,' ***European Economic Review*** vol. 135, 103739 (featured in LSE Grantham Institute commentary).
3. Raitano, M., Vona, F., 2021. 'Nepotism vs. Specific Skills: the effect of liberalizations on returns to parental background of Italian lawyers,' ***Journal of Economic Behavior & Organization*** vol. 184, 489-505. (featured in LSE Business Review).
4. Chen, Z., Marin, G., Popp, D., Vona, F., 2020. 'Green stimulus in a post-pandemic recovery: the role of skills for a resilient recovery,' ***Environmental and Resource Economics*** vol. 76, 901-911.
5. Marin, G. and Vona, F., 2019. 'Climate Policies and Skill-Biased Employment Dynamics: evidence from EU countries,' ***Journal of Environmental Economics and Management*** vol. 98, 102253.
6. Vona, F., Marin, G., Consoli, D., 2019. 'Measures, Drivers and Effects of Green Employment: evidence from US metropolitan and non-metropolitan areas, 2006-2014,' ***Journal of Economic Geography*** vol. 19, 1021-1048 (featured in LSE Business Review).
7. Vona, F., 2019. 'Job Losses and the Political Acceptability of Climate Policies: why the "job-killing" argument is so persistent and how to overturn it,' ***Climate Policy*** vol. 19(4), 524-32 (editor's choice)
8. Nicolli, F., Vona, F., 2019. 'Energy Market Liberalization and Renewable Energy Policies in OECD Countries,' ***Energy Policy*** vol. 128 (May), 853-67.
9. Vona, F., Marin, G., Consoli, D., Popp, D., 2018. 'Environmental Regulation and Green Skills: an empirical exploration,' ***Journal of the Association of Environmental and Resource Economists*** vol. 5(4): 713-753 (featured in *voxeu.org*).
10. Raitano, M., Vona, F., 2018 'From the Cradle to the Grave: the impact of family background on carrier path of Italian males,' ***Oxford Bulletin of Economics and Statistics*** vol. 80(6), 1062-1088.
11. Verdolini, E., Vona, F., Popp, D., 2018. 'Bridging the gap: fast-reacting fossil technologies facilitate renewable energy diffusion,' ***Energy Policy*** vol. 116(C), 242-256 (featured in the *Washington Post*, *Huston Chronicle* and *NBER digest*).
12. Raitano, M., Vona, F., 2017. 'Competition, Firm Size and Returns to Skills: evidence from currency shocks and market liberalizations,' ***The World Economy*** vol. 40(12), 2676-2703.
13. Consoli, D., Marin, G., Marzucchi, A., Vona, F., 2016. 'Do green jobs differ from non-green jobs in terms of skills and human capital?,' ***Research Policy*** vol. 45(5), 1046-1060.
14. Consoli, D., Vona, F., Rentocchini, F., 2016. 'That was then, this is now: Skills and Routinization in the 2000s,' ***Industrial and Corporate Change*** vol. 25(5), 847-866.

15. Nicolli, F., Vona, F., 2016. 'Heterogeneous Policies, Heterogeneous Technologies: the case of Renewable Energy,' *Energy Economics* vol. 56(C), 190-204 (featured in Science for Environmental Policies, Issue 483).
16. Raitano, M., Vittori, C., Vona, F., 2016. 'The effect of parental background along the sons' earnings distribution: does one model fit for all?,' *Applied Economic Letters* vol. 23(15), 1073-1078.
17. Raitano, M., Vona, F., 2016. 'Assessing students' equality of opportunity in OECD countries: the role of national and school-level policies,' *Applied Economics* vol. 48(33), 3148-3163.
18. Vona, F., Consoli, D., 2015. 'Innovation and Skill Dynamics: A Life-cycle Approach,' *Industrial and Corporate Change* vol. 24(6), 1393-1415.
19. Raitano, M., Vona, F., 2015. 'Measuring the link between intergenerational occupational mobility and earnings: evidence from eight European countries,' *Journal of Economic Inequality* vol. 13(1), 83-102.
20. Raitano, M., Vona, F., 2015. 'Direct and indirect influences of parental background on offspring earnings: a comparison across-countries and genders,' *Manchester School* vol. 83(4), 423-450.
21. Nicolli, F., Vona, F., 2015. 'The Evolution of Renewable Energy Policy in OECD Countries: aggregate indicators and determinants,' in: *Political Economy and Instruments of Environmental Politics*, CESIFO seminar series, MIT Press.
22. Nesta, L., Vona, F., Nicolli, F., 2014. 'Environmental Policies, Competition and Innovation in Renewable Energy,' *Journal of Environmental Economics and Management* vol. 67(3), 396-411.
23. Vona, F., Zamparelli, L., 2014. 'Centralized Wage Setting and Active Labor Market Policies in Frictional Labor Markets: the Nordic Case,' *Eastern Economic Journal* vol. 40(3), 349-364.
24. Patriarca, F., Vona, F., 2013. 'Structural Change and the Income Distribution: an inverted-U relationship,' *Journal of Economic Dynamics and Control* vol. 37(8), 1641-1658.
25. Consoli, D., Vona, F., and Saarivirta, T., 2013. 'An analysis of the Graduate Labour Market in Finland: the impact of Spatial Agglomeration and Skill-Job Mismatches,' *Regional Studies* vol. 47(10), 1634-1652.
26. Raitano, M., Vona, F., 2013. 'Peer Heterogeneity, School Tracking and Students' Performances: Evidence from PISA 2006,' *Applied Economics* vol. 45(32), 4516-4532.
27. Franzini, M., Raitano, M., and Vona, F., 2013. 'The Channels of Intergenerational Transmission of Inequality: a cross-country comparison,' *Rivista Italiana degli Economisti* vol.2, 201-26.
28. Amendola, M., Vona, F., 2012. 'Coordinating the Accumulation of Physical and Human Capital in Different Institutional Settings,' *Economic of Innovation and New Technology* vol. 21(7), 631-653.
29. Patriarca, F., Vona, F., 2012. 'Environmental Policies, Inequality and Technical Change: a simulation model,' *Revue de l'OFCE* vol.124, 389-413.
30. Vona, F., Patriarca, F., 2011. 'Income Inequality and the Development of Environmental Technologies,' *Ecological Economics* vol.70(11), 2201-13.

### Revise and resubmit, invited submissions

1. Marin, G., Popp, D., Vona, F., 'Innovation and skills for the low-carbon transition.' invited submission for *Review of Environmental Economics and Policy*.

2. Marin, G., Popp, D., Vona, F., ‘Post Covid-19 green recovery packages: green skills for reshaping the labour markets (and the economy),’ invited submission for *Nature Sustainability*.
3. Dussaux, D., Vona, F., Dechezlepretre A., 2020. ‘Carbon Offshoring: Firm-Level Evidence,’ OFCE working paper 23/2020, R&R *Canadian Journal of Economics*.
4. Marin, G., Vona, F., 2017. ‘Finance and the Reallocation of Scientific, Technical and Engineering Talents,’ a previous version with a different title appeared as an OFCE working paper 27/2017, R&R, 3<sup>rd</sup> round *Research Policy*.
5. Consoli, D., Marin, G., Rentocchini, F., Vona, F., 2019. ‘Routinization, Within-Occupation Task Changes and Long-Run Employment Dynamics,’ LEEM working paper, R&R *Research Policy*.
6. Matano, A., Naticchini, P., Vona, F., 2019. ‘The Institutional Margin of Adjustment to Import Competition: Evidence from Italian Bargained Minimum Wages,’ IZA discussion paper 12714, R&R *Oxford Economic Papers*.
7. Bontadini, F. and Vona, F. 2020. ‘Anatomy of Green Specialization: evidence from EU production data, 1995-2015,’ OFCE working paper 21/2020 (featured in [LSE Grantham commentary](#)), R&R *Environmental and Resource Economics*.
8. Vona, F., ‘Managing the Distributional Effects of Environmental and Climate Policies: the narrow path to a triple dividend,’ OECD working paper series, R&R *Ecological Economics*.

### Completed papers

1. Marin, G., Vona, F., Popp, D., Chen, Z., 2020. ‘Distributional effects of a post-pandemic green fiscal stimulus: skills, employment and wage of low-skilled manual workers,’ paper presented at 26<sup>th</sup> EARE conference.
2. Nesta, L., Verdolini, E., Vona, F., 2017. ‘Threshold Policy Effects and the Direction of Technical Change: Evidence from Energy Technologies,’ GREDEG wp, close to submission.

### On-going projects

1. Saussay, A., Sato, M., Vona, F., ‘Building Skills for the Low-Carbon Transition: evidence from job ads data.’ paper presented at 26<sup>th</sup> EARE conference and at the 8<sup>th</sup> IZA workshop on Environment, Health and Labor Markets, first draft soon.
2. Saussay, A., Sato, M., Vona, F., ‘Inside the Black Box of Green Companies: skills, technology and productivity.’
3. Gilli, M., Niccoli, F., Vona, F., ‘Inequality and Climate Change: Two Problems, One Solution?’, first draft soon.
4. Bontadini, F., Verdolini, E., Vona, F., ‘Sources of Green Comparative Advantage: exploring the patent-production link.’
5. Bontadini, F., Vona, F., ‘Green Specialization and Labour Market Outcomes in EU Manufacturing Industries.’
6. Marin, G., Vona, F., ‘Winners and losers of the low-carbon transition: a task-based approach.’
7. Marin, G., Raitano, M., Vona, F., ‘The Labour Market Distributional Effects of Deindustrialization: Isolating the Role of Environmental Policies on Workers and Local Labour Markets,’ Visiting INPS 2020.
8. Andres, P., Bontadini, F., Sato, M., Vona, F., ‘The Impact of Tariff Reduction on the Trade of Green Goods.’
9. Drigo, A., Mammi, I., Vona, F. ‘Chinese Import Competition and the Structure of Emissions in Italian Provinces.’
10. Bloise, F., Raitano, M., Vona, F., ‘The Intergenerational Transmission of Mathematical and Social Skills: A new look at the Great Gatsby Curve.’

## Other Publications

1. Hamdi-Cherif M., G. Landa, P. Malliet, F. Reynès, A. Saussay and F. Vona, 2020. 'L'impact économique et environnemental de la crise du COVID-19,' in 'Monde d'aujourd'hui. Les sciences sociales au temps de la covid', edited by Lazar M., Plantin, G., Ragot X., Sciences-Po University Press.
  2. Guillou, S., Napoletano, M., Nesta, L., Vona, F., Salies, E. 2016. 'L'Etat du tissu productif français Absence de reprise ou véritable décrochage ?,' OFCE policy brief.
  3. Napoletano, M., Vona, F., Gaffard, J.-L., 2015. 'Profils de l'investissement et divergences de performances entre l'Allemagne et la France,' *Revue de l'OFCE*.
  4. Raitano, M., Vona, F., 2013. 'Mobilità intergenerazionale, imperfezioni di mercato e vincoli finanziari,' in: Parole Chiave 48, edited by Maurizio Franzini.
  5. Vona, F., 2012. 'Produttività, Cambiamento Tecnologico e Investimenti in Capitale Umano in un Approccio di Disequilibrio,' chapter in the volume 'Innovare per crescere: strategie e scelte politiche,' edited by M. Franzini, M. Giannini and L. Zamparelli.
  6. Segre, E., Vona, F., 2010. 'Considerazioni sul ruolo anticiclico delle politiche educative: teorie ed esperienze storiche,' *Rivista di Politiche Sociali- Italian Journal of Social Policy*, Vol.4.
  7. Riggi, M., Vona, F., 2010. 'L'evoluzione del labour share in Europa e Stati Uniti: evidenza empirica e implicazioni macroeconomiche,' in: 'Rapporto sullo Stato Sociale 2009,' edited by R. Pizzuti.
  8. Segre, E., Vona, F., 2010. 'Investimento in capitale umano per favorire il superamento della crisi: l'esperienza finlandese,' in: 'Rapporto sullo Stato Sociale 2009' edited by R. Pizzuti.
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## C. POLICY and CONSULTING

### Reports

1. Vona, F., 2021. 'Labour Markets and the Green Transition: a practitioner guide to the task-based approach,' report for the JRC-EU Commission.
2. Nesta, L., Dibiaggio, L., Gaffard, J.-L., Guillou, S., Napoletano, M., Salies, E., Vona, F., 2016. 'Le développement du parc de Sophia Antipolis depuis 1997,' report for the Communauté d'Agglomération Sophia Antipolis.
3. Vona, F., 2014. 'Determinants of Renewable Energy Innovation: a critical survey,' policy paper for the EU project RAsTaNEWS.
4. Vona, F., Galeotti, M., 2014. 'The Sustainable Management of Energy and Natural Resources and the Geography of Economic Activities and of Population Movements: An Overview,' background paper for the Project 'Value Added in Motion,' ENEL foundation.
5. Naticchioni, P., Ricci, A., Vona, F., 2010. 'Technological Change, Human Resources and Inequality: a Review,' EU project POLHIA.
6. Amendola, M., Di Iasio, G., Naticchioni, P., Ricci, A., Vona, F., 2008. 'Tecnologia, Produttività e Capitale Umano,' report for the Umbria's region, AUR.

### Blog Posts and Policy Briefs

1. Vona, F., Popp, D., Marin, G., 2021. 'Who's ready for the green economy? Measuring skills for the low-carbon transition,' OECD Forum Network.
2. Vona, F., 2021. 'Decarbonization and Labour Markets,' Innopaths blog post.
3. Bontadini, F., Vona, F., 2021. 'Understanding green good specialisation in EU countries: new facts from new data,' LSE Grantham Institute commentary.
4. Popp, D., Vona, F., Noailly, J., 2020. 'Green stimulus, jobs and the post-pandemic green recovery,' vox.eu.org.

5. Antonin, C., Guerini, M., Napolitano, M., Vona, F. 2019. 'Italy: Escaping the high-debt and low-growth trap.' OFCE policy brief (shorter version in Italian: 'Tra alto debito e bassa crescita: politiche economiche per sfuggire alla morsa.' Treccani, Agenda).
6. Marin, G., Vona, F., 2019. 'What France's experience of energy price rises tells us about the likely impact of pricing carbon on jobs and the environment,' LSE Grantham Institute commentary.
7. Vona, F., 2019. 'Political Acceptability of climate policies: do we need a "just transition" or simply less unequal societies?,' Climate Strategies and Climate Policy blog.
8. Vona, F., Marin, G., Consoli, D., 2018. 'What are green jobs and where they are?,' LSE Business Review.
9. Nesta, L., Verdolini, E., Vona, F., 2018. 'Promoting the energy transition through innovation,' blog OFCE and Innopaths.
10. Raitano, M., Vona, F., 2018. 'Following in the parents' footsteps: nepotism or transfer of skills?,' LSE Business Review (translated in Italian: 'Le origini familiari e le retribuzioni degli avvocati italiani: nepotismo o abilità?,' Etica ed Economia).
11. Franzini, M., Vona, F., 2018. 'La sinistra, la globalizzazione e il pensiero liberal,' Etica ed Economia.
12. Vona, F., 2017. 'Politiques environnementales: Contraint ou Opportunité?,' policy brief de l'OFCE (English version in the blog of the INNOPATHS project).
13. Vona, F., 2016. 'L'inégalité intergénérationnelle dans quatre grands pays de l'UE: un seul modèle peut expliquer tout?,' blog de l'OFCE.
14. Consoli, D., Marin, G., Popp, D., Vona, F., 2015. 'Green Skills,' vox.eu.org.
15. Vona, F., 2015. 'I ricchi e i loro paradisi (fiscali),' Etica ed Economia.
16. Nesta, L., Vona, F., 2014. 'The promotion of renewable energy innovation: when state intervention and competition go hand in hand,' policy brief RASTANEWS and Note OFCE (a shorter version is also available at the blog de l'OFCE).
17. Vona, F., 2014. 'Better abilities or stronger social ties? Drivers of social immobility across EU countries,' blog de l'OFCE.
18. Gaffard, J.-L., Vona, F., 2013. 'Inequality and Global Imbalances: reconsidering old ideas to address new problems,' blog de l'OFCE.
19. Vona, F., 2012. 'Human capital policies and inequality in recessions' times,' blog de l'OFCE,
20. Vona, F., 2012. 'Capitale umano e mobilità sociale,' sbilanciamoci.info.
21. Segre, E., Vona, F., 2009. 'Una storia finlandese per il ministro Gelmini,' sbilanciamoci.info.

### **Consulting**

- Social Situation Monitor, DG Employment of the EU Commission, employment effect of the EU green deal, 2021
- Expert group on labour market policies for the green transition, OECD, 2021
- JRC European Commission, Green Skills Monitor, 2021
- OECD, Social and Distributional Effects of Environmental Policies, 2021
- Social Situation Monitor, DG Employment of the EU Commission, "just transition" to a low-carbon economy 2019
- OECD, expert group on combined environmental and economic performance datasets at the micro-level 2018
- ENEL Foundation, Project Value Added in Motion, 2013-2016

## **D. TEACHING and OTHER ACADEMIC ACTIVITIES**

## Teaching Experience

### ➤ Academic Year 2021/2022:

- *Global and Climate Change Economics*, master level, University of Milan (48h).
- *Economia e Politica dei Cambiamenti Climatici*, undergraduate level, University of Milan (48h).
- *Environmental Economics and Policy*, master level, University of Milan (30h).
- *Applied Environmental Economics and Policy Evaluation*, Ca' Foscari University Ph.D. Climate Change (20h).

### ➤ Past Academic Years:

#### PhD Level:

- *Labour Economics*, joint Ph.D. Scuola Superiore Sant'Anna and University Cote d'Azur (12h). Academic years: 2018/2019 and 2019/2020;
- *Climate Change Policies*, Ca' Foscari University Ph.D. Climate Change (15h). Academic years: 2017/2018; 2018/2019 and 2019/2020;
- *Applied Environmental Economics and Policy Evaluation*, Ca' Foscari University Ph.D. Climate Change, 2020/2021 (20h);
- *Economics Dynamics* (6h, Doctoral School La Sapienza. Academic year: 2009/2010;
- Graduate advanced course '*Innovation, Growth, Employment, International Production: Models and Data Analyses*,' Rome (4h). Academic years: 2008/2009 and 2009/10;
- Graduate summer school '*Policies for Innovation and Growth*,' Piediluco (4h). Academic year: 2007/2008.
- *Seminars on Policy Evaluation in Environmental and Climate Change Economics*, University of Modena and Reggio Emilia, master level, 2020/2021 (12h).

#### Master and undergraduate level:

- *Integrated Management of Natural Resources* (basically a course in natural resource and climate change economics), Ca' Foscari University, master level (30h). Academic Years: 2017/2018; 2018/2019, 2019/2020 and 2020/2021;
- *Introduction to Economics part-2*, H-Farm/Ca' Foscari University, undergraduate level (30h). Academic Years: 2017/2018; 2018/2019, 2019/2020 and 2020/2021;
- *Microeconomics* (30h, Bachelor, SciencesPo, Menton Campus). Academic Year: 2015/2016;
- *International Economics* (24h, Bachelor, SciencesPo, Menton Campus). Academic Years: 2013/2014; 2014/2015 and 2015/2016;
- *Statistics* (15h, Master Digital Business, SKEMA Business School). Academic Year: 2014/2015;
- *Economics of Globalization* (24h, Master1, SKEMA Business School). Academic Years: 2012/2013; 2013/2014 and 2012/2013;
- *Environmental Economics* (30h, Bachelor, SKEMA Business School). Academic Year: 2011/2012;
- *International Economics and Policies* (30h, Master2 in Economics and Business, SKEMA Business School). Academic Years: 2011/2012 and 2012/2013;

## PhD/Master committee and supervision

Supervisor: Alessandra Drigo (PhD, University Ca' Foscari, Venice), Giulia Valente (PhD, University Ca' Foscari, Venice), Philippine Levy (Master Environmental Policy, Sciences-Po).

Examiner: Wenjing Kuai (University of Birmingham), Michele Bavaro (University of Rome, Tor Vergata), Chiara Curcio (University of Rome, La Sapienza), Martin Jégard (Paris School of Economics).

Committee: Marie Sciacitano (Université Nice Cote d'Azur and GREDEG).

## Current and past institutional responsibilities

- 2021-currently, Review Editor *Frontier in Climate*, specialty Law and Policy.
- 2020-currently, Member of the editorial board of *Politica Economica- Journal of Economic Policy (PEJEP)*.
- 2019-currently, Member of the Doctoral Program Committee in Science and Management of Climate Change, University Ca' Foscari, Venice
- 2019-currently, Scientific manager of the OFCE data project INEMPRO on confidential firm-level data for France
- 2017-currently, Coordinator Sciences-Po team, INNOPATHS (EU2020 project)
- 2015-2018, Responsible of the joint research seminars OFCE-SKEMA-GREDEG/CNRS Université Cote d'Azur

### **Other academic activities**

- 2020, Co-organizer, 'Low carbon transition and industry competitiveness: challenges and opportunities,' joint workshop of École des Mines, La Fabrique de l'Industrie and OFCE
- 2020-2021-2022, Programme Committee (as reviewer) Annual Conference of the European Association of Environmental and Resource Economists
- 2017, Organizer, Workshop on 'Beyond Routinization: Trade, Innovation and the Changing Nature of Jobs,' Nice
- 2016, Co-organizer, Workshop on Economic Geography OFCE-SKEMA-GREDEG
- 2013, Co-organizer, 8<sup>th</sup> European Meeting on Applied Evolutionary Economics EMAEE.
- 2012, Co-organizer, OFCE Workshop on Inequality and Macroeconomic Performance.

### **Membership of Professional Organizations**

- European Association of Environmental and Resource Economists.
- European Association of Labour Economists.

### **Writing and Participation in International and National Projects**

#### *Current projects*

- Social Situation Monitor, designed expert of the ICF International Inc. consortium, topic: labour market impacts of the EU green deal, 2020-2024.
- Co-Investigator Visiting INPS 'Deindustrialization and labour market dynamics: isolating the role of environmental policies,' with Marin, G. (2021-on).
- INNOPATHS: H2020 EU project, Innovation pathways, strategies and policies for the Low-Carbon Transition in Europe (team leader, 2017-2021).

#### *Past projects*

- Co-Investigator ESRC grant 'Measuring skill gaps in the green economy using online job-ads data,' with Sato, M. of the Grantham Institute on Climate Change and the Environment, London School of Economics (*not funded*).
- SEER 2018 on the impact of new digital technologies on jobs and skills (work package leader, *not funded*).
- Regional expertise alignment and firm performance: University Cote d'Azur, IDEX fundamental project (work package leader 2018-2020, *funded*).
- Beyond Routine Replacing Technical Change: trade, innovation and the changing nature of jobs, University Cote d'Azur, IDEX small project (2016, *funded*).
- ISIGrowth 2015: Innovation-fueled, Sustainable, Inclusive Growth (research associate 2014-2017, *funded*).
- MAESTRIA 2015: Modelling and Analysis of the European energy System TRansformation driven by Innovation and Actors (team leader, *not funded*).
- RASTANEWS 2013 on macro-risk assessment and stabilization policies (task leader 2013-2016, *funded*).
- POLINEQ 2009 on inequality and policies (*not funded*).



- POLHIA 2008 on fiscal and structural policies with heterogeneous agents (co-team leader 2006-2009, *funded*).
- INDIE 2007 on measures and evaluation of well-being (*not funded*).

### **Referee Activity**

- *Agencies (for proposals)*: Agence Nationale de la Recherche (France), German Federal Ministry of Education and Research (Germany), ESRC (Economic and Social Research Council, UK);
- *Journals*: B.E. Journal of Economic Analysis and Policy, Cambridge Journal of Economics, Climate Policy, Climatic Change, Eastern Economic Journal, Ecological Economics, *Economia Politica*, Economics of Innovation and New Technologies, Energy Economics, Energy Journal, Energy Policy, Energy Research and Social Science, Environmental and Resource Economics, Environment and Planning A, Environmental Innovation and Societal Transitions, European Economic Review, Information Economics and Policy, Industrial and Corporate Change, Industry and Innovation, International Journal of Computational Economics and Econometrics, International Tax and Public Finance, Journal of Economic Behavior and Organization, Journal of Environmental Economics and Management, Journal of Evolutionary Economics, Journal of the Association of Environmental and Resource Economists, Journal of Economic Inequality, Journal of Labor Research, Manchester School, Palgrave Communications, Oxford Economic Papers, Proceedings of the National Academy of Science (PNAS), Research Policy, Resource and Energy Economics, Revue de l'OFCE, Social Science Research, Structural Change and Economic Dynamics, World Review of Science Technology and Sustainable Development.

### **Selected Presentations (mostly invited)**

- 2022: Keynote speaker 6th TASKS-conference (planned); Invited speaker World Bank seminar series on Social Protection & Jobs.
- 2021: Keynote speaker AGBFN (Federal Working Group on Vocational Education Research) workshop “On the Concept of Sustainability in Work, Occupation and Education”, Germany; Invited speaker Fall 2021 Brookings Papers on Economic Activity; Invited speaker OECD Green Growth and Sustainable Development Forum; Keynote speaker JRC workshop on Green Education and Skills; 8th IZA Workshop Environment, Health and Labor Markets, Germany; Economic Department Deakin University, Australia; Invited speaker at the OECD “17th Meeting of the Working Party on Integrating Environmental and Economic Policies”; AIRE (Atelier Interdisciplinaire des Recherches sur l'Environnement) seminar; Co-organizer and presenter at the session “Decarbonization and Equity” of the Innopaths Final Conference; Invited speaker at the Circular Talk “Cambiare la formazione per cambiare paradigma”; Keynote speaker at the Indian Society for Ecological Economics (INSEE) bi-annual meeting.
- 2020: Invited speaker at “The Political Economy of Carbon Pricing Post Covid-19” Coalition of Finance Ministers for Climate Action, organized in cooperation with the OECD, IMF and the World Bank; Invited speaker at the OECD “16th Meeting of the Working Party on Integrating Environmental and Economic Policies”; Invited speaker at “Where and how to invest the EU recovery fund?” Universidad Pontificia Comillas of Madrid; Invited speaker at the workshop “Energy, Innovation and Growth: Theory and Empirics”, ETH Zurich; University Statale of Milan Department of Environmental Science and Policy lunch seminars; CMCC Ca' Foscari lunch seminars; Economic Department University of Modena and Reggio-Emilia seminars; Economic Department University of Birmingham seminars; EAERE 25th conference of the European Association of Environmental and Resource Economists; SURED conference Sustainable

Resource Use and Economic Dynamics; Knowledge sharing event for EU H2020 projects, session on the Green New Deal.

- 2019: Invited speaker at the Social Situation Monitor/DG Employment seminar on the Just Transition (Brussels); Paris School of Economics, seminar series on Environmental Economics; London School of Economics, Grantham Institute; CERNA Mines Paris seminars; EALE 30<sup>th</sup> conference of the European Association of Labour Economists (Uppsala); 18<sup>th</sup> Brucchi Luchino Workshop (Turin); 24<sup>th</sup> conference of the European Association of Environmental and Resource Economists (Manchester).
- 2018: the IEB Symposium on 'R&D and Energy' (Barcelona); OECD Economic Department (Paris); University of Rome La Sapienza (Rome); Expert workshop on the creation and uses of combined environmental and economic performance datasets at the micro-level OECD (Paris).
- 2017: Seminar Fondazione Enrico Mattei (Venice); Workshop on Innovation and Finance (Nice); Scuola Superiore Sant'Anna seminars (Pisa); Annual Conference on the Economic Assessment of European Climate Policies (EUI, Florence).
- 2016: American Economic Association (San Francisco); EALE 28<sup>th</sup> conference of the European Association of Labour Economists (Ghent); 4th IZA Workshop on Labor Market Effects of Environmental Policies (Bonn); Seminar Fondazione Enrico Mattei (Milan); Invited Speaker Conference 'Le Politiche per l'Ambiente in Italia' (Napoli), 5th ZEW Energy Conference (Mannheim).
- 2015: Conference on Economics of innovation, diffusion, growth and the environment, London School of Economics (London); 3rd IZA Workshop on Labor Market Effects of Environmental Policies (Berlin); Seminar IEB, series on economic geography (Barcelona).
- 2014: Seminar IEB, series on energy and environmental economics (Barcelona the IEB Symposium on 'R&D and Energy' (Barcelona); Seminar University of Verona; Journée d'étude compétitivité et politiques publiques, SciencesPo (Paris); WCERE 5th World Congress of Environmental and Resource Economists (Istanbul); TASK 3 Changing Tasks- Consequences for Inequality, IAB (Nuremberg); Seminar Center for Policy Research (Syracuse).
- 2013: EALE 25<sup>th</sup> conference of the European Association of Labour Economists (Turin); Seminar Science & Technology Policy Research, University of Sussex (Brighton).
- 2012: Invited speaker at 12<sup>th</sup> IAEE (International Association of Energy Economists) European Conference (Venice); Seminar Manchester Institute of Innovation Research; Workshop on Inequality and Macroeconomic Performance (Paris); Seminar Institute of Innovation and Knowledge Management (Ingegno, Valencia); Seminar Institute of Environmental Science and Technology, Autònoma University Barcelona; Seminar Fondazione Enrico Mattei (Milan).
- 2011: EALE 23<sup>th</sup> conference of the European Association of Labour Economists (Pafos, Cyprus); Seminar Department of Economics, Parthenope University (Naples); Seminar SKEMA Business School (Nice).
- 2010: Seminar University of Ferrara; Seminar of the group for the analysis of inequality, University of Rome; International Association for Research on Income and Wealth I.A.R.I.W. 31st General Conference (St. Gallen, Switzerland).
- 2009: Centro Nazionale delle Ricerche CNR, Seminar on 'Innovation, Technical Change and Growth' (Rome); Seminar SKEMA Business School (Nice).