

# MAURO NAPOLETANO

Date of Birth : 7 November 1977. Place of Birth : Locorotondo (Bari, Italy).  
Nationality : Italian.

**Professeur des Universités  
en Sciences Economiques**  
Université Côte d'Azur

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## Affiliations actuelles

GREDEG-CNRS, Université Côte d'Azur (affiliation principale)  
& Associate research fellow, OFCE-Sciences Po  
& External Member, Institute of Economics, Scuola Superiore di Studi Universitari e di Perfezionamento "Sant'Anna", Pisa-Italy.  
& Associate research fellow, KTO Research Centre, SKEMA Business School

## EXPÉRIENCES PROFESSIONNELLES

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*Depuis Sep 2020*    *Professeur des Universités en Sciences Economiques,*  
Université Côte d'Azur, Groupe de Recherche en Droit, Economie et Gestion (GREDEG).

*Jan 2008-Août 2020*    *Senior Economist (Chargé d'études de 1ère Classe),*  
Observatoire Français des Conjonctures Economiques (OFCE-Sciences Po)  
Département innovation et concurrence.

*Avr 2006-Déc 2007*    *Post-doc Research Fellow,*  
Chair of Systems Design (Systemgestaltung)  
Department of Management, Technology and Economics  
Swiss Federal Institute of Technology - Zürich (ETH Zurich)  
Zürich, Switzerland.

## CURSUS UNIVERSITAIRE

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*Juil 2015*    *Habilitation à diriger des recherches,* Institut d'études politiques de Paris  
(Sciences Po Paris),  
Thesis title : "Heterogeneity, Interaction and Networks in Micro and Macroeconomic Dynamics". Director : Prof. Etienne Wasmer.

*Sep 2001- Mar 2006*    *Ph.d. in Economics and Management,*  
Scuola Superiore di Studi Universitari e di Perfezionamento "Sant'Anna", Pisa - Italy  
Thesis title : "Essays on Heterogeneity in Macroeconomic Dynamics". Director : Prof. Giovanni Dosi.

*Oct 2004 - Déc 2004 Visiting Researcher,*  
G.R.E.Q.A.M., Marseille - France.

*Jan 2004 - Jun 2004 Visiting Researcher,*  
Department of Economics, University of Wisconsin - Madison,  
Madison, Wisconsin - U.S.A.

*Sept 1996 - Jul 2001 Degree Certificate (Laurea) in Economics,*  
University of Pisa, Pisa - Italy.  
Thesis title : "Distribution and Growth with Imperfect Financial Markets". Directors :  
Prof. Carlo Casarosa, Prof. Davide Fiaschi.

## ACTIVITÉS D'ENSEIGNEMENT

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### *Activités d'enseignement actuelles*

*2020-à présent. Macroéconomie 3. Licence 2. Cours Magistral. Économie et Gestion.*  
ELMI. Université Côte d'Azur.

*2020-présent. Advanced Macroeconomics. Mineures ELMI. Cours Magistral. Université*  
Côte d'Azur.

*2020-present. Agent-Based Computational Economics. Mineures ELMI. Cours Magistral.*  
Université Côte d'Azur.

*2020-présent. Réseaux et Organisations. M1 en Développement Industriel, ELMI. Cours*  
Magistral. Université Côte d'Azur.

*2018-présent Intermediate Macroeconomics - Undergraduate Program. Main course.*  
Sciences Po - Campus "Moyen Orient Méditerranée", Menton, France.

*2017-présent Introduction to Economics - Undergraduate Program. Main course.*  
Sciences Po - Campus "Moyen Orient Méditerranée", Menton, France.

*2021-présent Growth Theories, International Doctoral Program in Economics, Scuola Su-*  
periore di Studi Universitari e di Perfezionamento "Sant'Anna", Pisa - Italy.

### *Activités d'enseignement antérieures*

*2009-2020 Topics in Macroeconomics. Aggregate Consumption and Investment and Intro-*  
*duction to Open Macroeconomics, International Doctoral Program in Economics, Scuola*  
Superiore di Studi Universitari e di Perfezionamento "Sant'Anna", Pisa - Italy.

*2010-2017 Macroeconomics I* - Main Course and Tutorials - Undergraduate Program, Sciences Po - Campus "Moyen Orient Méditerranée", Menton, France.

*2010-2016 Microeconomics I* - Main Course and Tutorials - Undergraduate Program, Sciences Po Campus "Moyen Orient Méditerranée", Menton, France.

*2011-2013 Macroeconomics*

MSc in "Business and Economics", SKEMA Business School, Sophia Antipolis, France.

*2009-2011 Empirical Analysis of Agglomeration,*

Master Program "Gouvernance de l'Innovation", Université de Nice-Sophia Antipolis, France.

*2009-2010 Economics of the European Monetary Union*, Undergraduate Program, Sciences Po - Campus "Moyen Orient Méditerranée", Menton, France.

*2006-2007 Industrial Dynamics*, MSc in Technology and Economics, ETH - Zürich.

## THÈMES DE RECHERCHE

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- ※ Macroéconomie..
- ※ Economie computationnelle et modélisation multi-agents..
- ※ Analyse empirique et théorique des réseaux économiques.
- ※ Dynamique industrielle.
- ※ Macroéconometrie appliquée.

## PUBLICATIONS

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### *Documents de travail récents et soumis dans des revues avec comité de lectures*

Fontanelli, L., Guerini, M., Napolitano, M. (2021). International Trade and Technological Competition in Markets with Dynamic Increasing Returns. GREDEG Working Papers 2021-33. *Under revision at* INDUSTRIAL AND CORPORATE CHANGE.

Palagi, E., Napolitano, M., Roventini, A., Gaffard J.-L. (2021). An Agent-based Model of Trickle-up Growth and Income Inequality. GREDEG Working Papers 2021-29. *Under revision at* ECONOMIC MODELLING.

Dosi, G., Lamperti, F., Mazzucato, M., Napolitano, M., Roventini, A., (2021). Mission-Oriented Policies and the Entrepreneurial State at Work : An Agent-Based Exploration. GREDEG Working Papers 2021-25. *Under revision at* JOURNAL OF ECONOMIC DYNAMICS AND CONTROL. *Major revisions.*

Ferraresi, T., Ghezzi, L., Vanni, F., Caiani, A., Guerini, M., Lamperti, F., Reissl, S., Fagiolo, G., Napolitano, M., Roventini, A. (2021). On the Economic and Health Impact of

the COVID-19 Shock on Italian Regions : A Value Chain Approach. GREDEG Working Papers 2021-18. *Under revision at REGIONAL STUDIES. Major revisions.*

Barbieri, C., Guerini, M., Napolitano, M. (2021). "The Anatomy of Government Bond Yields Synchronization in the Eurozone. GREDEG Working Papers 2021-08. *Under revision at JOURNAL OF EMPIRICAL FINANCE.*

Grebel, T., Napolitano, M., Nesta, L. (2020). Distant but close in sight. Firm-level evidence on French-German productivity gaps in manufacturing. GREDEG Working Papers 2020-50. *Under revision at REVIEW OF INCOME AND WEALTH. Minor revisions.*

Guerini, M., Luu, D.T., Napolitano, M. (2019). Synchronization patterns in the European Union, GREDEG Working Papers No. 2019-30. *Under revisions at APPLIED ECONOMICS. Major revisions.*

### *Articles publiés dans des revues avec comité de lecture*

Reissl, S., Caiani, A., Lamperti, F., Guerini, M., Vanni, F., Fagiolo, G., Ferraresi, T., Ghezzi, L., Napolitano, M., Roventini, A. (2022). Assessing the Economic Impact of Lockdowns in Italy : A Computational Input-Output Approach. INDUSTRIAL AND CORPORATE CHANGE. *Forthcoming.*

Guerini, M., Harting, P., Napolitano, M., (2021). Governance Structure, Technical Change and Industry Competition. GREDEG Working Papers 2020-49. JOURNAL OF ECONOMIC DYNAMICS AND CONTROL. *Forthcoming.*

Staccioli, J., Napolitano, M. (2021). An Agent-Based Model of Intra-Daily Financial Markets JOURNAL OF ECONOMIC BEHAVIOR AND ORGANIZATION. Vol. 182, pp. 331-348.

Luu, D.T., Napolitano, M., Barucca, P., Battiston, S., (2021). Collateral Unchained : Rehypothecation networks, concentration and systemic effects, JOURNAL OF FINANCIAL STABILITY, Vol. 52, 100811.

Popoyan, L., Napolitano, M., Roventini, A. (2020). Winter is possibly not coming : Mitigating financial instability in an agent-based model with interbank market (with L. Popoyan and A. Roventini). JOURNAL OF ECONOMIC DYNAMICS AND CONTROL Vol. 117, August.

Dosi, G., Napolitano, M., Roventini, A., Stiglitz, J.E., Treibich, T. (2020). Rational heuristics ? Expectations in complex, evolving economies with heterogeneous, interacting agents. ECONOMIC INQUIRY Vol. 58, Issue 3, July.

Lamperti, F., Dosi, G., Napolitano, M., Roventini, A., Sapio, A. (2020). Climate Change and Green Transitions in an Agent-Based Integrated Assessment Model, TECHNOLO-

Guerini, M., Moneta, A., Napoletano M., Roventini, A. (2020). The Janus-Faced Nature of Debt : Results from a Data-Driven Cointegrated SVAR approach. *MACROECONOMIC DYNAMICS*, 24(1) : 24-54.

Lamperti, M., Napoletano M., Roventini A. (2020). Green Transitions And The Prevention Of Environmental Disasters : Market-Based Vs. Command-And-Control Policies, *MACROECONOMIC DYNAMICS* Volume 24, Issue 7 : 1861-1880.

Jacob Leal, S., Napoletano, M., (2019). Market Stability vs. Market Resilience : Regulatory Policies Experiments in an Agent-Based Model with Low- and High- Frequency Trading, *JOURNAL OF ECONOMIC BEHAVIOR AND ORGANIZATION* 157 : 15-41.

Lamperti, F., Dosi, G., Napoletano, M., Roventini, A., Sapio, S., (2018). Faraway, so close : An agent-based model for climate, energy and macroeconomic policy, *ECOLOGICAL ECONOMICS*, Volume 150, August 2018, Pages 315-339.

Dosi G., Napoletano M., Roventini A., Treibich, T., (2018). Debunking the granular origins of aggregate fluctuations : from real business cycles back to Keynes", *JOURNAL OF EVOLUTIONARY ECONOMICS*, 29.1 : 67-90.

Gaffard, J.L., Napoletano, M., Battiston, S., (2018). Some Reflections on Inflation Targeting, Monetary-Fiscal Policy Interactions, and Non-Standard Monetary Policies" *EUROPEAN JOURNAL OF ECONOMICS and ECONOMIC POLICIES*, 15 (2).

Gaffard, J.L., Napoletano, M. (2018). Hétérogénéité des agents, interconnexions financières et politique monétaire : une approche non conventionnelle, *REVUE FRANCAISE D'ECONOMIE*, 33.3 : 201-231.

Guerini, M., Napoletano, M., Roventini, A. (2018). No Man Is an Island : The Impact of Heterogeneity and Local Interactions on Macroeconomic Dynamics. *ECONOMIC MODELLING* Volume 68, January, pp. 82-95.

Napoletano, M., Roventini, A., Gaffard, J.-L., (2017). Time-varying fiscal multipliers in an agent-based model with credit rationing. *Economics-The Open Access, Open Assessment E-Journal*, Special Issue on Agent-Based Models, N. 2017-112, Kiel Institute for the World Economy.

Lamperti, F., Balint, T., Mandel, A., Napoletano, M., Roventini, A., Sapio, A. (2017). Complexity and the Economics of Climate Change : a Survey and a Look Forward. *ECOLOGICAL ECONOMICS*. Volume 138, August 2017, pp. 252-265.

Palagi, E., Napoletano, M., Roventini, A., Gaffard J.-L. (2017). Inequality, Redistributive Policies and Multiplier Dynamics in an Agent-Based Model with Credit Rationing. *ITALIAN ECONOMIC JOURNAL*. November 2017, Volume 3, Issue 3, pp. 367-387.

Popoyan, L., Napoletano, M., Roventini, A., (2017). Taming Macroeconomic Instability : Monetary and Macro Prudential Policy Interactions in an Agent-Based Model, JOURNAL OF ECONOMIC BEHAVIOR AND ORGANIZATION, 134 17-140.

Tomasello M., Napoletano M., Garas A., Schweitzer F. (2017). The rise and fall of R&D networks. INDUSTRIAL AND CORPORATE CHANGE, Volume 26, Issue 4, Pages 617-646.

Napoletano M., Nesta L. (2016). The multifaceted evolution of industries : sectoral and firm-level evidence. INDUSTRIAL AND CORPORATE CHANGE. Vol. 25, Issue 5.

Dosi G., Napoletano M., Roventini A., Treibich T. (2016). Micro and Macro Policies in the Keynes+Schumpeter Evolutionary Models. JOURNAL OF EVOLUTIONARY ECONOMICS, 27(1), pp. 63-90.

Jacob Leal S., Napoletano M., Roventini A., Fagiolo G. (2016). Rock around the Clock : An Agent-Based Model of Low- and High-Frequency Trading. JOURNAL OF EVOLUTIONARY ECONOMICS, vol. 26(1), pp. 49-76.

Dosi G., Fagiolo G., Napoletano M., Roventini A., Treibich T. (2015). Fiscal and Monetary Policies in Complex Evolving Economies. JOURNAL OF ECONOMIC DYNAMICS & CONTROL, vol. 52, pp. 166-189.

Dosi G., Fagiolo G., Napoletano M., Roventini A. (2013). Income distribution, credit and fiscal policies in an agent-based Keynesian model. JOURNAL OF ECONOMIC DYNAMICS & CONTROL, vol. 37, p. 1598-1625.

Vitali S., Napoletano M., Fagiolo G. (2013). Spatial Localization in Manufacturing : A Cross-Country Analysis . REGIONAL STUDIES, vol. 47, p. 1534-1554.

König M.D., Battiston S., Napoletano M., Schweitzer F. (2012). The efficiency and stability of R&D networks. GAMES AND ECONOMIC BEHAVIOR, vol. 75, p. 694-713.

König M.D., Battiston S., Napoletano M., Schweitzer F. (2011). Recombinant knowledge and the evolution of innovation networks. JOURNAL OF ECONOMIC BEHAVIOR & ORGANIZATION, vol. 79, p. 145-164.

Fagiolo G., Napoletano M., Piazza M., Roventini A. (2009). Detrending and the Distributional Properties of U.S. Output Time Series. ECONOMICS BULLETIN, vol. 29(4), p. 3155-3161.

König M.D., Battiston S., Napoletano M., Schweitzer F. (2008). On algebraic graph theory and the dynamics of innovation networks. NETWORKS AND HETEROGENEOUS MEDIA, vol. 3, p. 201-219.

Fagiolo G., Napoletano M., Roventini A. (2008). Are output growth-rate distributions fat-tailed? Some evidence from OECD countries. JOURNAL OF APPLIED ECONOMETRICS, vol. 23, p. 639-669.

Russo A., Catalano M., Gaffeo E., Gallegati M., Napoletano M. (2007). Industrial dynamics, fiscal policy and R&D : Evidence from a computational experiment. JOURNAL OF ECONOMIC BEHAVIOR & ORGANIZATION, vol. 64, p.426-447.

Fagiolo G., Napoletano M., Roventini A. (2007). How do output growth-rate distributions look like? Some cross-country, time-series evidence. THE EUROPEAN PHYSICAL JOURNAL. B, CONDENSED MATTER PHYSICS, vol. 57, p.205-211.

Fagiolo G., Napoletano M., Roventini A. (2007). Sulle distribuzioni dei tassi di crescita dell'output aggregato : un'analisi per Stati Uniti e Italia. RIVISTA INTERNAZIONALE DI SCIENZE SOCIALI, vol. 115, p. 215-241.

Sapio, S., Roventini A., Napoletano M. (2006). Modelling smooth and uneven cross-sectoral growth patterns :an identification problem. ECONOMICS BULLETIN, vol. 15(7), p. 1-82006.

Napoletano M., Roventini A., Sapio S. (2006). Are Business Cycles All Alike? A Band-pass Filter Analysis of the Italian and US Cycles. RIVISTA ITALIANA DEGLI ECONOMISTI, vol. 11(1), p. 87-118.

Russo A., Catalano M., Gaffeo E., Gallegati M., Napoletano M. (2006). Ricerca e sviluppo, produttività e crescita economica : un modello con agenti eterogenei interagenti. SISTEMI INTELLIGENTI, vol. 1, p. 155-164.

### *Articles publiés dans la Revue de l'OFCE*

Guerini, M., Napoletano, M., Nesta, L. (2018). Convergence des structures productives et synchronisation des cycles industriels dans l'Union européenne, Revue de l'OFCE, Vol. 158 n. 4.

Napoletano, M. (2017). Les modèles multi-agents et leurs conséquences pour l'analyse macroéconomique, Revue de l'OFCE, n. 153.

Napoletano M., Vona F., Gaffard J.-L., (2016). Profils de l'investissement et divergences de performances entre l'Allemagne et la France, REVUE DE L'OFCE, n. 144.

Napoletano M., Dosi G., Fagiolo G., Roventini A. (2012). Wage Formation, Investment Behavior and Growth Regimes :An Agent-Based Analysis. REVUE DE L'OFCE, vol. 124, p. 235-261.

Napoletano M., Gaffard J.L. (2010). Performances et politiques de croissance. Un éclairage empirique à partir d'une étude de l'effet de la taille des pays et nouvelles réflexions théoriques. REVUE DE L'OFCE, vol. 112, p.213-248.

### *Editeur de numéros spéciaux de revues*

Guerci, E., Hanaki, N., Napoletano, M. "Complex evolving system approach to market dynamics and policy design". (2019). Special Issue. JOURNAL OF ECONOMIC BEHAVIOR AND ORGANIZATION, Vol. 157.

Guerci, E., Hanaki, N., Napoletano, M. (eds.) (2018). Recent advances in financial networks and agent-based model validation. Special Issue of WEHIA 2015. JOURNAL OF ECONOMIC INTERACTION AND COORDINATION, vol 13(1).

Nesta, L., Napoletano M., (eds.) (2016). Empirical Studies on the Microeconomics of Industrial Change. Special Section. INDUSTRIAL AND CORPORATE CHANGE. vol. 25(5).

Gaffard J.L., Napoletano M. (eds.) (2012). Agent-based models and economic policy. REVUE DE L'OFCE, vol.124, p. 7-447.

### *Ouvrages de recherche et chapitres dans des ouvrages de recherche*

Dosi, G., Napoletano, M., Roventini, A., Treibich, T. (2015). The Short- and Long-Run Damages of Fiscal Austerity : Keynes beyond Schumpeter. In : Joseph E. Stiglitz, Martin Guzman (eds.), Contemporary Issues in Macroeconomics, p. 79-97, IEA Series, Palgrave Macmillan, December, ISBN : 9781137529589.

Dosi G., Fagiolo G., Napoletano M., Roventini A. (2012). Economic policies with endogenous innovation and Keynesian demand management. In : Robert M. Solow, Jean-Philippe Touffut (eds.), What's Right with Macroeconomics? p. 110-148, CHELTENHAM : Edward Elgar Publishing Limited, ISBN : 9781-78100-739-6-2.

Barde S., Gaffard J.L., Guillou S., Nesta L., Napoletano M., Salies E. (2010). L'industrie manufacturière française. PARIS :Editions La Decouverte, ISBN : 978-2-7071-5822-2.

Barde S., Napoletano M., Nesta L. (2009). Automobiles : les insuffisances du pacte. In : Eric Heyer (ed.), L'Economie Française 2010. p. 83-93, PARIS : Editions La Decouverte, ISBN : 978-2-7071-5837-6.

### *Interventions dans la presse, billets de blogs, policy briefs*

Seconda ondata, le regioni e i settori più critici (with A. Caiani, G. Fagiolo, T. Ferraresi, L. Ghezzi, M. Guerini, F. Lamperti, A. Roventini, F. Vanni). La Voce info, September 1, 2020.



Italy : Escaping the high-debt and low-growth trap. (with C. Antonin, M. Guerini, F. Vona). OFCE Policy Brief 56.

Financialization in the EU and its consequences. (with S. Battiston, M. Guerini, V. Stolbova). ISIGrowth Policy Brief n.2.

Trading à haute fréquence et régulation économique, un arbitrage inéluctable entre stabilité et résilience des marchés financiers (with S. Jacob Leal). OFCE Le Blog, January 26, 2018.

Sur la double nature de la dette (with M. Guerini, A. Roventini, A. Moneta). OFCE Le Blog, January 24, 2018.

Interview on "La Repubblica" about high frequency trading and flash crashes ("Dietro i crolli improvvisi ci sono loro", by Livia Ermini), 24 March 2015.

Some reflections on the ECB's Comprehensive Assessment (with S. Battiston). OFCE Le Blog, 9 December, 2014.

Rock around the Clock : an explanation of flash crashes (with S. Jacob Leal, G. Fagiolo, A. Roventini), OFCE Le Blog, 29 April, 2014.

UE, perché il modello tedesco è impercorribile, Lettera 43, 27 June 2012.

Eurobond, crescita ad alto rischio, Lettera 43, 23 May 2012.

Entry "Gradualismo", in Dizionario di Economia e Finanza, Enciclopedia Treccani.

## RESPONSABILITÉS SCIENTIFIQUES ET D'ADMINISTRATION

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✱ *Responsabilité de programmes académiques et de projets de recherche internationaux*

- ✓ Coordinator of the International Doctoral Program in Economics of the University of Côte d'Azur (UCA), 2018-present.
- ✓ Sciences Po unit leader of the EU H2020 project "Growth Welfare Innovation Productivity" (GROWINPRO), 2019-present.
- ✓ Supervisor of the H2020 Marie Skłodowska-Curie Individual Fellowship "Agent-based Computational Economics for Policy Analysis" (ACEPOL) (2019-present).
- ✓ Sciences Po unit leader of the EU H2020 project "Distributed Global Financial Systems for Society" (DOLFINS), 2015-2018.
- ✓ Sciences Po unit leader of the H2020 project "Innovation-fuelled, Sustainable, Inclusive Growth" (ISIGrowth), 2015-2018.

✧ *Participation à projets de recherche internationaux*

- ✓ April 3, 2020 - February 12, 2021, Member of the task force for the study of the economic impact of Covid-19 of the Italian Ministry for Technological Innovation and Digitization.
- ✓ EU FP7 Project "Impacts and Risks from Higher-End Scenarios : Strategies for Innovative Solutions" (IMPRESSIONS, 2013-2018).
- ✓ EU FP7 Project "Macro-Risk Assessment and Stabilization Policies with New Early Warning Signals" (RASTANEWS), 2013-2016.
- ✓ EU FP7 Project P "Monetary, Fiscal and Structural Policies with Heterogeneous Agents" (POLHIA), 2008-2011.
- ✓ Institute for New Economic Thinking (INET) Project, "The Evolutionary Paths Toward the Financial Abyss and the Endogenous Spread of Financial Shocks into the Real Economy", 2010-2013.

✧ *Organisation de colloques*

- ✓ Since June 2020, "ABM4Policy" seminar series in collaboration with the Bank of England.
- ✓ Workshop OFCE "Financial Stability : Challenges and Insights from New Tools", 11 Juin 2018.
- ✓ OFCE-GREDEG-SKEMA Workshops on Complex Evolving System Approach in Economics, Sophia-Antipolis (11 monthly workshops organized in 2016 and in 2017).
- ✓ 20th Workshop on Economic Science with Heterogeneous Interacting Agents (WEHIA 2015), Sophia Antipolis 21-23 May 2015.
- ✓ 8th European Meeting on Applied Evolutionary Economics (EMAE 2013), Sophia Antipolis, June 10-12, 2013.
- ✓ Workshop on "New Advances in Agent-Based Modeling", Sciences Po - Paris, Paris, June 19-20, 2012.
- ✓ "Financial Constraints, Firm and Aggregate Dynamics", Sophia Antipolis, December 15-17, 2010.

✧ *Activités Editoriales*

- ✓ Editeur associé du Journal of Economic Behavior and Organization, Latin American Journal of Central Banking, Macroeconomics and Development Special Issue of Industrial and Corporate Change, Review of Radical Political Economy.
- ✓ Rapporteurs pour plusieurs revues, notamment : Journal of Money Credit and Banking, The B.E. Journal of Theoretical Economics, Ecological Economics, Economic Modelling, Journal of Economic Dynamics and Control, Journal of Economic Behavior and Organization, Macroeconomic Dynamics, Applied Economics, Quantitative Finance, Journal of Economic Interaction and Coordination, Journal of Evolutionary Economics, Industrial and Corporate Change, Papers in Regional Science, Journal of Economic Geo-

graphy, Economics of Innovation and New Technology, Structural Change and Economic Dynamics, Advances in Complex Systems, Complexity, Latin Journal of Central Banking, PlosOne.

✧ *Invitation à colloques ou séminaires*

- ✓ Modelling the spread and impact of the Coronavirus, University of Graz, Graz Schumpeter Centre, December 2020.
- ✓ Recalibrating production and consumption systems and the role of industrial policy, EuroMemo group, September 2020.
- ✓ EAEPE 2020, September 2020.
- ✓ ABM workshop at the Bank of England, London, June 27, 2019.
- ✓ Lecture on "Agent-Based Macroeconomics", Marie-Curie EXIDE Research Training School on Agent-based Modeling, Bielefeld University, September 12, 2018.
- ✓ Lecture on "The coupled climate and economic dynamics", at the Ianua Summer School 2018, organized by the IANUA-ISSUGE Scuola Superiore of the University of Genova, Italy, July 14, 2018.
- ✓ Conference "The New European Deal : A Policy Plan for Innovation-Fuelled, Sustainable and Inclusive Growth", European Commission, Bruxelles, June 19, 2018.
- ✓ Lectures on "Agent-Based Integrated Assessment Models" at the summer school on "Exploring Climate Change Challenges And Solutions In The Real World : From Research To Practice", Sofia (Bulgaria), May 18-27, 2018.
- ✓ Research Seminar, Bielefeld University (Germany), April 10, 2018.
- ✓ Research Seminar, University of Florence (Italy), March 20, 2018.
- ✓ Research Seminar, University of Strasbourg (France), March 23, 2018.
- ✓ Second Finexus Conference on Financial Networks and Sustainability. University of Zürich, Zürich (Switzerland), January 17-20, 2018.
- ✓ Research Seminar, Catholic University of Milan (Italy), December 20, 2017.
- ✓ Panel Discussion on "Unconventional Monetary Policies", EAEPE 2017, Budapest (Hungary), October 20, 2017.
- ✓ Research Seminar, Universitat "Jaume I", Castellón de la Plana (Spain), November 2, 2017.
- ✓ Research Seminar, Bank of England, London (United Kingdom), October 13, 2017.
- ✓ Second Conference on Network Models and Stress Testing for Financial Stability, Banco de Mexico, Mexico City (Mexico), September 26-27, 2017.
- ✓ First Finexus Conference on Financial Networks and Sustainability. University of Zürich, Zürich (Switzerland), January 11-13, 2017.
- ✓ Freewheeling Econometrics Workshop. Scuola Superiore Sant'Anna, Pisa (Italy), September 28, 2016.
- ✓ Séminaire sur la régulation bancaire Université d'Orléans, Orléans, February 17, 2015.
- ✓ 19th Workshop on Economic Science with Heterogeneous Interacting Agents (WEHIA 2014), University of Tianjin, Tianjin (China), June 17-19 2014.
- ✓ 17th World Congress of the International Economic Association (IEA), Dead Sea (Jordan), June 6-10 2014.
- ✓ Winter School on "Agent Based and Stock Flow Consistent Modeling". Kemmy Business School, Limerick (Ireland) January 30 - February 7 2014.

- ✓ Deutsche Bundesbank/SAFE Conference on "Supervising Banks in Complex Financial Systems", Frankfurt am Main (Germany), October 21-22 2013.
- ✓ SFC Workshop "Building a Common Language for Stock- Flow Consistent Macro Models", Kemmy Business School, Limerick (Ireland), August 26-27 2013.
- ✓ 6ème biennale des mathématiques appliquées et industrielles (SMAI 2013), Seignosse, May 27-31, 2013.
- ✓ Meeting of the INET task-force on "Agent Based and Stock-Flow Consistent Macroeconomics", CIGI/INET Waterloo (Canada), November 15-16, 2012.

※ *Direction de thèse de doctorat* : Université Côte d’Azur (UCA) (4 étudiants), Sciences Po (1 étudiant).

※ *Co-direction de thèse de doctorat* : ETH Zürich (3 étudiants), GREDEG (1 student) Scuola Superiore "Sant’Anna" (3 étudiant).

※ *Membre de jurys de thèse de doctorat* : University of Zürich, Switzerland (1), Cà Foscari University Venice, Italy (1), Université de Bordeaux, France (1), Université Paris 1 Panthéon-Sorbonne, France (2), Scuola Superiore “Sant’Anna”, Pisa, Italy (2), University of Pisa, Italy (1), Université de Nice-Sophia-Antipolis, France (1), Catholic University of Milan, Italy (2), University “Jaume I” of Castellón de la Plana, Spain (1).

## AUTRES COMPÉTENCES

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- ※ *Langages de programmation* : C++, Matlab, R, L<sup>A</sup>T<sub>E</sub>X.
- ※ *Langues* : Italienne (langue natale), Française (excellent), Anglaise (excellent).