

## Mauro NAPOLETANO

Observatoire français des conjonctures économiques

E-mail : [mauro.napoletano@sciencespo.fr](mailto:mauro.napoletano@sciencespo.fr)

Web page : <http://www.ofce.sciences-po.fr/pages-chercheurs/napoletano.htm>

### Research Topics

Macro-economics, Industrial policies, Innovation

### Teaching

"Macroeconomics I", Sciences Po X (licence) 2014 - present

"Macroeconomics", SKEMA Business School (master) 2014 - present

"Empirical Analysis of Agglomeration", Université Nice Sophia Antipolis (master) 2009 - 2001

"Industrial Dynamics", Swiss Federal Institute of Technology Zurich (master) 2006 - 2007

### Languages

Italian

French

English

## Publications

### Books

Guillou, Sarah, Lionel Nesta, Mauro Napoletano, Evens Salies, Sylvain Barde and Jean-Luc Gaffard. 2010. [L'industrie manufacturière française](#). Éditions La Découverte.

### Editorships of Special Issues

Gaffard, Jean-Luc and Mauro Napoletano, ed(s). 2012. "[Agent-based models and economic policy](#)." *Revue de l'OFCE - Analyse et prévisions*.

### Book Contributions

Dosi, Giovanni, Mauro Napoletano, Andrea Roventini and Tania Treibich. 2015. "[The short- and long-run damages of fiscal austerity: Keynes beyond Schumpeter](#)." In *Contemporary issues in macroeconomics*, ed. Joseph Stiglitz and Martin Guzman, 79-97. Palgrave Macmillan.

Dosi, Giovanni, Giorgio Fagiolo, Mauro Napoletano and Andrea Roventini. 2012. "[Economic policies with endogenous innovation and keynesian demand management](#)." In *What's Right With Macroeconomics?*, ed. Robert M Solow and Jean-Pierre Touffut, 110-148. Edward Elgar Publishing.

König, Michael D, Stefano Battiston, Mauro Napoletano and Frank Schweitzer. 2008. "[The efficiency and evolution of R&D Networks](#)." In *12th ISS International Conference*, 1-53. International Joseph A. Schumpeter Society.

### Articles in Peer-reviewed Journals

Napoletano, Mauro. 2017. "[Les modèles multi-agents et leurs conséquences pour l'analyse macroéconomique](#)." *Revue de l'OFCE* no. 153:289-315.

Balint, Tomas, Francesco Lamperti, Antoine Mandel, Mauro Napoletano, Andrea Roventini and Sandro Sapio. 2017. "[Complexity and the economics of climate change : a survey and a look forward](#)." *Ecological Economics* no. 138:252-265.

Napoletano, Mauro, Francesco Vona and Jean-Luc Gaffard. 2015. "[Profils de l'investissement et divergences](#)

[de performances.](#)" *Revue de l'OFCE* no. 144:313-329.

Dosi, Giovanni, Giorgio Fagiolo, Mauro Napoletano, Andrea Roventini and Tania Treibich. 2015. "[Fiscal and monetary policies in complex evolving economies.](#)" *Journal of Economic Dynamics and Control* 52:166-189.

Napoletano, Mauro, Giovanni Dosi, Giorgio Fagiolo and Andrea Roventini. 2012. "[Wage formation investment behavior and growth regimes: an agent-based analysis.](#)" *Revue de l'OFCE - Analyse et prévisions* no. 124:235-261.

Gaffard, Jean-Luc and Mauro Napoletano. 2012. "[Introduction. Improving the Toolbox: New Advances in Agent-Based and Computational Models.](#)" *Revue de l'OFCE - Débats et politiques* no. 124:7-14.

Napoletano, Mauro and Jean-Luc Gaffard. 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* no. 112:213-248.

## Articles in Non Peer-reviewed Journals

Palagi, Elisa, Mauro Napoletano, Andrea Roventini and Jean-Luc Gaffard. 2017. "[Inequality, Redistributive Policies and Multiplier Dynamics in an Agent-based Model with Credit Rationing.](#)" *Italian Economic Journal* 3 (3): 367-387.

Dosi, Giovanni, Mauro Napoletano, Andrea Roventini and Tania Treibich. 2017. "[Micro and macro policies in the Keynes +Schumpeter evolutionary models.](#)" *Journal of Evolutionary Economics* no. 27:63-90.

Guillou, Sarah, Mauro Napoletano, Lionel Nesta, Francesco Vona and Evens Salies. 2016. "[L' Etat du tissu productif français Absence de reprise ou véritable décrochage ?](#)" *OFCE Policy Brief* no. 6:1-16.

Jacob Leal, Sandrine, Mauro Napoletano, Andrea Roventini and Giorgio Fagiolo. 2015. "[Rock around the Clock: An Agent-Based Model of Low- and High-Frequency Trading.](#)" *Journal of Evolutionary Economics* 26 (1): 49-76.

Napoletano, Mauro, Jean-Luc Gaffard and Zakaria Babutsidze. 2012. "[Agent Based Models: A New Tool for Economic and Policy Analysis.](#)" *OFCE Briefing Paper* no. 3:1-15.

Guillou, Sarah, Mauro Napoletano, Lionel Nesta, Evens Salies, Sylvain Barde and Jean-Luc Gaffard. 2009. "[Mérites et limites du Pacte automobile.](#)" *Lettre de l'OFCE* no. 308:1-4.

Fagiolo, Giorgio, Mauro Napoletano and Andrea Roventini. 2008. "[Are output growth-rate distributions fat-tailed? some evidence from OECD countries.](#)" *Journal of Applied Econometrics* 23 (5): 639-669.

Napoletano, Mauro, Stefano Battiston, Michael D König and Frank Schweitzer. 2008. "[On algebraic graph theory and the dynamics of innovation networks.](#)" *Networks and Heterogenous Media* 3 (2): 201-219.

## Working Papers

Thi Luu, Duc, Mauro Napoletano, Paolo Barucca and Stefano Battiston. 2018. "[Collateral Unchained : Rehypothecation networkd, concentration and systemic effects.](#)" OFCE WORKING PAPER 2018-07.

Dosi, Giovanni, Mauro Napoletano, Andrea Roventini, Joseph Stiglitz and Tania Treibich. 2017. "[Rational Heuristics ? Expectations and behaviors in Evolving Economies with Heterogeneous interacting agents.](#)" Working paper de l'OFCE 32.

Lamperti, Francesco, Giovanni Dosi, Mauro Napoletano, Andrea Roventini and Sandro Sapiro. 2017. "[Faraway, so close : coupled climate and economic dynamics in an agent-based integrated assessment model.](#)"OFCE.

Guerini, Mattia, Alessio Moneta, Mauro Napoletano and Andrea Roventini. 2017. "[The Janus-faced nature of debt : results form a data driven cointegrated SVAR approach.](#)" Working paper de l'OFCE 2017-02, OFCE.

Palagi, Elisa, Mauro Napoletano, Andrea Roventini and Jean-Luc Gaffard. 2017. "[Inequality, redistributive policies and multiplier dynamics in an agent-based model with credit rationing.](#)" Working paper de l'OFCE 2017-06.

Balint, Tomas, Francesco Lamperti, Mauro Napoletano, Antoine Mandel, Andrea Roventini and Sandro Sapiro. 2016. "[Complexity and the Economics of Climate Change: a Survey and a Look Forward.](#)" Working paper de l'OFCEOFCE.

Guerini, Mattia, Mauro Napoletano and Andrea Roventini. 2016. "[No Man is an Island: The Impact of Heterogeneity and Local Interactions on Macroeconomic Dynamics.](#)" Working paper de l'OFCE 2016-18, OFCE.

- Jacob Leal, Sandrine and Mauro Napoletano. 2016. "[Market Stability vs. Market Resilience: Regulatory Policies Experiments in an Agent-Based Model with Low- and High- Frequency Trading.](#)" Working paper de l'OFCE 2016-12, OFCE.
- Popoyan, Lilit, Mauro Napoletano and Andrea Roventini. 2015. "[Taming macroeconomic instability: Monetary and macro prudential policy interactions in an agent-based model.](#)" Working paper de l'OFCE 2015-32, OFCE.
- Lamperti, Francesco, Mauro Napoletano and Andrea Roventini. 2015. "[Preventing environmental disasters : Market based vs command and control policies.](#)" Working paper de l'OFCE 2015-31.
- Napoletano, Mauro, Andrea Roventini and Jean-Luc Gaffard. 2015. "[Time varying fiscal multipliers in an agent-based model with credit rationing.](#)" Working paper de l'OFCE 2015-25.
- Dosi, Giovanni, Mauro Napoletano, Andrea Roventini and Tania Treibich. 2014. "[Micro and macro policies in the Keynes + Schumpeter evolutionary models.](#)" Working paper de l'OFCE 2014-19, OFCE.
- Dosi, Giovanni, Giorgio Fagiolo, Mauro Napoletano and Tania Treibich. 2014. "[The Short-and Long-Run Damages of Fiscal Austerity: Keynes beyond Schumpeter.](#)" LEM Working Paper Series 22, Scuola Superiore Sant'Anna.
- Napoletano, Mauro, Jean-Luc Gaffard and Andrea Roventini. 2014. "[Outside the corridor: fiscal multipliers and business cycles into an agent-based model with liquidity constraints.](#)" Working Paper de l'OFCE 2014-16, OFCE.
- Dosi, Giovanni, Giorgio Fagiolo, Mauro Napoletano, Andrea Roventini and Tania Treibich. 2014. "[Fiscal and monetary policies in complex evolving economies.](#)" Working paper de l'OFCE 2014-05.
- Jacob Leal, Sandrine, Mauro Napoletano, Andrea Roventini and Giorgio Fagiolo. 2014. "[Rock around the clock: an agent-based model of low- and high-frequency trading.](#)" Working paper de l'OFCE 2014-03, OFCE.
- Tomasello, Mario V, Mauro Napoletano, Antonios Garas and Frank Schweitzer. 2013. "[The Rise and Fall of R&D Networks.](#)" Working paper de l'OFCE 2013-15, OFCE.
- Napoletano, Mauro, Jean-Luc Gaffard and Zakaria Babutsidze. 2012. "[Agent Based Models A New Tool for Economic and Policy Analysis: A New Tool for Economic and Policy Analysis.](#)" OFCE Briefing Papers 3, OFCE.
- Dosi, Giovanni, Giorgio Fagiolo, Mauro Napoletano and Andrea Roventini. 2012. "[Income distribution, credit and fiscal policies in an agent-based keynesian model.](#)" Document de travail 2012-06, OFCE.
- Napoletano, Mauro and Jean-Luc Gaffard. 2009. "[Country Size, Appropriate Policy, and Economic Performance: Some Evidence from OECD Countries.](#)" Document de travail de l'OFCE 2009-08, Observatoire français des conjonctures économiques.
- Vitali, Stefania, Mauro Napoletano and Giorgio Fagiolo. 2009. "[Spatial Localization in Manufacturing: A Cross-Country Analysis.](#)" LEM Papers Series 2009/04, Laboratory of Economics and Management.
- Napoletano, Mauro, Stefano Battiston, Michael D König and Frank Schweitzer. 2008. "[The Efficiency and Evolution of R&D Networks.](#)" Economics working paper series 08/95, Swiss Federal Institute of Technology.
- Napoletano, Mauro, Stefano Battiston, Michael D König and Frank Schweitzer. 2008. "[The efficiency and evolution of R&D Networks.](#)" Documents de travail de l'OFCE 2008-31.
- Fagiolo, Giorgio, Mauro Napoletano and Andrea Roventini. 2006. "[Are output growth-rate distributions fat-tailed? Some evidence from OECD countries.](#)" Università di Verona, Dipartimento di Scienze economiche Working papers series 36, Università degli Studi di Verona.

## Website Contributions

- Guerini, Mattia, Alessio Moneta, Mauro Napoletano and Andrea Roventini. 2018. "[Sur la double nature de la dette.](#)" OFCE Le Blog. <https://www.ofce.sciences-po.fr/blog/9973-2/>.
- Jacob Leal, Sandrine and Mauro Napoletano. 2018. "[Trading à haute fréquence et régulation économique, un arbitrage inéluctable entre stabilité et résilience des marchés financiers.](#)" OFCE Le Blog. <https://www.ofce.sciences-po.fr/blog/trading-a-haute-frequence-et-regulation-economique-un-arbitrage-ineluctable-entre-stabilite-et-resilience-des-marches-financiers/>.