

## Lionel NESTA

Observatoire français des conjonctures économiques

E-mail : [lionel.nesta@sciencespo.fr](mailto:lionel.nesta@sciencespo.fr)

Phone : +33483737109

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



### Research Topics

Innovation, Industrial policies, Political economy, International trade, Globalisation

## Publications

### Books

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

Nesta, Lionel, Uwe Cantner and Jean-Luc Gaffard. 2009. [Schumpeterian Perspectives on Innovation, Competition and Growth](#). Berlin: Springer.

### Book Contributions

Guillou, Sarah and Lionel Nesta. 2017. "[La compétitivité de l'appareil productif français : Etat des lieux et perspectives](#)." In *L'Economie Française 2018*, 117-124. Paris: Éditions La Découverte. Repères 695.

Nesta, Lionel, Sarah Guillou and Flora Bellone. 2009. "[Is the export premium robust to innovation statistics?](#)" In *Thematic Meeting of the French Economic Association (AFSE) : "Firms, Markets and Innovation"*, Sophia Antipolis, June 25-26, 2009, 1-29. Sophia Antipolis: Groupe de Recherche en Droit, Economie et Gestion.

Nesta, Lionel, Flora Bellone, Patrick Musso and Michel Quéré. 2009. "[Market Selection Along the Firm Life Cycle](#)." In *Innovation, Economic Growth and the Firm: Theory and Evidence of Industrial Dynamics*, ed. Evens Salies and Jean-Luc Gaffard, 75-101. Cheltenham, UK: Edward Elgar Publishing.

Bellone, Flora, Patrick Musso, Lionel Nesta and Stefano Schiavo. 2008. "[Financial Constraints as a Barrier to Export Participation](#)." In *European Trade Study Group Tenth Annual Conference, Warsaw, 11-13 September 2008*, 1-33. OFCE - Observatoire Français des Conjonctures Économiques.

Nesta, Lionel and Roberto Fontana. 2007. "[Product Entry in a Fast Growing Industry: the LAN Switch Market](#)." In *Innovation, Industrial Dynamics and Structural Transformation*, ed. Franco Malerba and Uwe Cantner, 87-106. New York: Springer.

Nesta, Lionel. 2006. "[Intangible Assets and Market Value](#)." In *Applied Evolutionary Economics and the Knowledge-based Economy*, ed. Andreas Pyka and Horst Hanusch, 75-88. Cheltenham, UK: Edward Elgar Publishing.

Nesta, Lionel and Ludovic Dibiaggio. 2005. "[Knowledge organization and firms specialisation in biotechnology](#)." In *Complexity and the Economy. Implications for Economic Policy*, ed. John Finch and Magali Orillard, 258-282. Cheltenham, UK: Edward Elgar Publishing.

Nesta, Lionel and Parimal Patel. 2004. "[National Patterns of Technology Accumulation: Use of Patent Statistics](#)." In *Handbook of quantitative science and technology research. The use of publication and patent statistics in studies of S&T systems*, ed. Henk F. Moed, Wolfgang Glanzel and Ulrich Schmoch, 531-552. Dordrecht: Kluwer Academic Publishers.

Nesta, Lionel and Vincent Mangematin. 2002. "[Industry Life Cycle, Knowledge Generation and Technological Networks](#)." In *Networks, alliances and partnerships in the innovation process*, ed. John De la Mothe and Albert N. Link, 199-220. Boston, Mass.: Kluwer Academic Publishers.

### Articles in Peer-reviewed Journals

Guillou, Sarah and Lionel Nesta. 2015. "[La crise de 2008 et la productivité totale des facteurs des entreprises](#)

[françaises.](#)" *Revue de l'OFCE* no. 142:55-74.

Gaffard, Jean-Luc and Lionel Nesta. 2015. "[Disparités locales et crise économique: Eclairages et préliminaires.](#)" *Revue de l'OFCE* no. 142:151-175.

Guillou, Sarah, Lionel Nesta and Francesco Saraceno. 2015. "[L'investissement, clé de la relance.](#)" *Alternatives économiques. Hors-série* no. 104:24-25.

Dibiaggio, Ludovic, Maryam Nasyar and Lionel Nesta. 2014. "[Substitutability and complementarity of technological knowledge and the inventive performance of semiconductor companies.](#)" *Research Policy* 43 (9): 1582-1593.

Bellone, Flora, Kyota Kyoiko, Toshiyuki Matsuura, Patrick Musso and Lionel Nesta. 2014. "[International Productivity Gaps and the Export Status of Firms: Evidence from France and Japan.](#)" *European Economic Review* 70:56-74.

Nesta, Lionel, Francesco Vona and Francesco Nicolli. 2014. "[Environmental Policies, Competition and Innovation in Renewable Energy.](#)" *Journal of Environmental Economics and Management* 67 (3): 396-411.

Gaffard, Jean-Luc and Lionel Nesta. 2014. "[Competition and innovation: A challenge for the European Union.](#)" *Revue de l'OFCE - Debates and Policies* no. 134:231-238.

Gaffard, Jean-Luc and Lionel Nesta. 2014. "[Concurrence et innovation: un défi pour l'Union européenne.](#)" *Revue de l'OFCE - Débats et politiques* no. 134:249-257.

Dibiaggio, Ludovic, Maryam Nasyar and Lionel Nesta. 2014. "[The Moderating Role of Complementary Technological Resources in the Diversification-Performance Relationship.](#)" *Industrial and Corporate Change* 23 (5): 1357-1380.

Bellone, Flora, Patrick Musso, Lionel Nesta and Frédéric Warzynski. 2009. "[L'effet pro-concurrentiel de l'intégration européenne: Une analyse de l'évolution des taux de marge dans les industries manufacturières françaises.](#)" *Revue de l'OFCE* no. 108:139-163.

Gaffard, Jean-Luc, Sarah Guillou and Lionel Nesta. 2009. "[Taux de marge et concurrence internationale: Introduction.](#)" *Revue de l'OFCE* no. 108:117-119.

Nesta, Lionel. 2008. "[Knowledge and productivity in the world's largest manufacturing corporations.](#)" *Journal of Economic Behavior and Organization* 67 (3-4): 886-902.

Bellone, Flora, Patrick Musso, Lionel Nesta and Michel Quéré. 2008. "[Market selection along the firm life cycle.](#)" *Industrial and Corporate Change* 17 (4): 753-777.

Dosi, Giovanni, Jean-Luc Gaffard and Lionel Nesta. 2008. "[Schumpeterian Themes on Industrial Evolution, Structural Change and their Microfoundations: an Introduction.](#)" *Industrial and Corporate Change* 17 (4): 601-609.

Fontana, Roberto, Lionel Nesta and Sandrine Selosse. 2007. "[Innovation et sélection des firmes: L'industrie des équipements en réseaux locaux.](#)" *Revue de l'OFCE* no. 100:121-142.

Nesta, Lionel and Pier Paolo Saviotti. 2006. "[Firm knowledge and market value in biotechnology.](#)" *Industrial and Corporate Change* 15 (4): 625-652.

Bellone, Flora, Patrick Musso, Lionel Nesta and Michel Quéré. 2006. "[Caractéristiques et performances des firmes exportatrices françaises.](#)" *Revue de l'OFCE* no. 98:183-212.

Geuna, Aldo and Lionel Nesta. 2006. "[University Patenting and its Effects on Academic Research: the Emerging European Evidence.](#)" *Journal of Comparative Policy Analysis : Research and Practice* 35 (6): 790-807.

Bellone, Flora, Patrick Musso, Michel Quéré and Lionel Nesta. 2006. "[Productivity and market selection of french manufacturing firms in the nineties.](#)" *Revue de l'OFCE* no. 97 bis:319-349.

Nesta, Lionel and Pier Paolo Saviotti. 2005. "[Coherence of the Knowledge Base and the Firms' Innovative Performance. Evidence from the Bio-Pharmaceutical Industry.](#)" *Journal of Industrial Economics* 53 (1): 123-142.

Nesta, Lionel and Ludovic Dibiaggio. 2005. "[Knowledge Specialisation and the Organisation of Competencies.](#)" *Revue d'économie industrielle* 110 (1): 103-126.

Nesta, Lionel and Vincent Mangematin. 1999. "[What kind of Knowledge can a firm absorb?](#)" *International Journal of Technology Management*.

## Articles in Non Peer-reviewed Journals

- 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.
- Nesta, Lionel and Francesco Vona. 2014. "[The promotion of renewable energy innovation: When state intervention and competition go hand in hand.](#)" *OFCE Briefing Paper* no. 8:1-7.
- Guillou, Sarah and Lionel Nesta. 2011. "[Quelle politique industrielle dans la mondialisation ?](#)" *Les notes du blog* no. 6:1-11.
- 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.
- Nesta, Lionel, Flora Bellone, Patrick Musso and Michel Quéré. 2008. "[The U-Shaped Productivity Dynamics of French Exporters.](#)" *Weltwirtschaftliches Archiv = Review of World Economics* 144 (4): 636-659.
- Cantner, Uwe, Jean-Luc Gaffard and Lionel Nesta. 2008. "[Schumpeterian perspectives on innovation, competition and growth.](#)" *Journal of Evolutionary Economics* 18 (3-4): 291-293.
- Fontana, Roberto and Lionel Nesta. 2006. "[Product Entry in a Fast Growing Industry: The LAN Switch Market.](#)" *Journal of Evolutionary Economics* 16 (1-2): 45-64.
- Nesta, Lionel and Ludovic Dibiaggio. 2003. "[Technology Strategy and Knowledge Dynamics: The Case of Biotech.](#)" *Industry and Innovation* 10 (3): 329-347.
- Nesta, Lionel, Nanette Maupertuis and Pier Paolo Saviotti. 2003. "[The Knowledge Base of the Firm in Biotechnology based Sectors: Properties and Performance.](#)" *International Journal of Biotechnology* 5 (4): 371-401.

## Reports

- Guillou, Sarah, Lionel Nesta, Raul Sampognaro and Tania Treibich. 2015. "[L'impact du CICE sur les exportations: l'arbitrage prix-taux de marge des exportateurs: Rapport intermédiaire pour France Stratégie.](#)" In *Comité de suivi du Crédit d'impôt pour la compétitivité et l'emploi: Rapport 2015*, ed. Jean Pisani-Ferry, 151-151.

## Conference Contributions

- Gaffard, Jean-Luc and Lionel Nesta. 2008. "[Why and how revisiting industrial policy? Franco-German Conference: Frankreich - ein Vorbild für Deutschland? Allemagne - un exemple pour la France? Berlin, June 19-20, 2008.](#)" Paper presented at the Franco-German Conference: Frankreich - ein Vorbild für Deutschland? Allemagne - un exemple pour la France? , Berlin, GERMANY, June 19-20.

## Working Papers

- Dibiaggio, Ludovic, Benjamin Montmartin and Lionel Nesta. 2018. "[Regional alignment and productivity growth.](#)" Working paper de l'OFCE 25, OFCE.
- Nesta, Lionel and Stefano Schiavo. 2018. "[International competition and rent sharing in french manufacturing.](#)" OFCE Working Papers 14, OFCE.
- Nesta, Lionel, Elena Verdolini and Francesco Vona. 2018. "[Threshold policy effects and directed technical change in Energy Innovation.](#)" OFCE Working Paper 2018-05.
- Caselli, Mauro, Stefano Schiavo and Lionel Nesta. 2017. "[Markups and markdowns.](#)" working paper 2017-11, OFCE.
- Guillou, Sarah and Lionel Nesta. 2015. "[Markup heterogeneity, export status and the establishment of the euro.](#)" Working paper de l'OFCE 2015-01.
- Nesta, Lionel and Thomas Grebel. 2013. "[Spillovers, Product Substitution and R&D Investment: Theory and Evidence.](#)" Working paper de l'OFCE 2013-22, OFCE.
- Nesta, Lionel, Francesco Vona and Francesco Nicolli. 2012. "[Environmental policies, product market regulation and innovation in renewable energy.](#)" Document de travail 2012-25, OFCE.
- Vona, Francesco, Francesco Nicolli and Lionel Nesta. 2012. "[Determinants of renewable energy innovation: environmental policies vs. market regulation.](#)" Document de travail 2012-05, OFCE.
- Salies, Evens and Lionel Nesta. 2010. "[Libéralisation et dépôts de brevets verts des utilités électriques en Europe.](#)" Documents de travail de l'OFCE 2010-21, OFCE.

Nesta, Lionel, Sarah Guillou and Flora Bellone. 2009. "[Are Export Premia Robust to Innovation Statistics?](#)" F.R.E.I.T Working Paper 39, Forum for Research on Empirical International Trade.

Nesta, Lionel, Flora Bellone, Patrick Musso and Stefano Schiavo. 2008. "[Financial Constraints and Firm Export Behavior.](#)" Department of Economics Working Papers 16, 2008, Università degli Studi di Trento.

Nesta, Lionel, Flora Bellone, Patrick Musso and Stefano Schiavo. 2008. "[Financial constraints as a barrier to export participation.](#)" Documents de travail de l'OFCE 29.

Nesta, Lionel, Flora Bellone, Patrick Musso and Frédéric Warzynski. 2008. "[L' effet pro-concurrentiel de l'intégration européenne : une analyse de l'évolution des taux de marge dans les industries manufacturières françaises.](#)" Documents de travail de l'OFCE 2008-09.

Nesta, Lionel, Flora Bellone, Patrick Musso, Liza Jabbour and Stefano Schiavo. 2007. "[Exports and productivity : comparable evidence for 14 countries.](#)" Documents de travail de l'OFCE 2007-36.

Nesta, Lionel and Roberto Fontana. 2007. "[Product Innovation and Survival in a High-Tech Industry.](#)" Documents de travail de l'OFCE 2007-30.

Nesta, Lionel and Roberto Fontana. 2007. "[Entry, Innovation and Exit from LAN Switch Industry.](#)" Documents de travail de l'OFCE 2007-02.

Nesta, Lionel, Flora Bellone, Patrick Musso and Michel Quéré. 2007. "[The U-Shaped Productivity Dynamics of French Exporters.](#)" Documents de travail de l'OFCE 2007-01.

Nesta, Lionel, Flora Bellone, Patrick Musso and Michel Quéré. 2006. "[Productivity and Market Selection of French Manufacturing Firms in the Nineties.](#)" Documents de travail de l'OFCE 2006-04, Observatoire français des conjonctures économiques.

Nesta, Lionel. 2005. "[Knowledge and Productivity in the World's Largest Manufacturing Corporations.](#)" Documents de travail de l'OFCE 2005-17, Observatoire français des conjonctures économiques.

## Website Contributions

Nesta, Lionel, Elena Verdolini and Francesco Vona. 2018. "[Promoting the Energy Transition Through Innovation.](#)" OFCE Le Blog., <https://www.ofce.sciences-po.fr/blog/promoting-the-energy-transition-through-innovation/>.