Lionel NESTA

Professor

Academy: Innovation

Research center: Knowledge, Technology and Organization

Campus: Sophia Antipolis

Email: lionel.nesta@skema.edu

Education

2001 Ph.D., Université Grenoble Alpes, France

Experience

Full-time academic positions

Since 2016 Full Professor, Université Côte d'Azur, France

Since 2008 Professor, SKEMA Business School, France

Other academic affiliations and appointments

Since 2006 Teaching assistant, Sciences Po Paris, France

2015 - 2020 Director, OFCE - Sciences Po Paris, France

2010 - 2015 Deputy director, OFCE - Sciences Po Paris, France

Other professional experiences

Since 2005 Senior economist, OFCE - Sciences Po, France

Publications

Peer-reviewed journal articles

NESTA, L. (2026). L'Europe productive : poser les termes du débat. *Revue de l'OFCE*, 193, pp. 5-12.

ELEWA, A., BOCK, S., SALIES, E. and NESTA, L. (2026). Le décrochage de la zone euro. *Revue de l'OFCE*, 193, pp. 13-42.

BOCK, S., ELEWA, A., SALIES, E. and NESTA, L. (2026). Désindustrialisation et décrochage productif de la France : une analyse sectorielle des dynamiques de productivité (2000-2019). *Revue de l'OFCE*, 193, pp. 43-79.

SALIES, E., BOCK, S., ELEWA, A. and NESTA, L. (2026). Compétitivité européenne : un état des lieux. *Revue de l'OFCE*, 193, pp. 81-122.

FONTANELLI, L., CALVINO, F., CRISCUOLO, C., NESTA, L. and VERDOLINI, E. (2025). Human after all: Occupations at the core of AI adoption. *Labour Economics*, 95, pp. 102754.

GUERINI, M., NESTA, L., RAGOT, X. and SCHIAVO, S. (2024). Zombification of the economy? Assessing the effectiveness of French government support during COVID-19 lockdown. *Journal of Economic Behavior and Organization*, 218, pp. 263-280.

GREBEL, T., NAPOLETANO, M. and NESTA, L. (2023). Distant but close in sight. Firm-level evidence on French-German productivity gaps in manufacturing. *Review of Income and Wealth*, 69(1), pp. 228-261.

BRUHN, S., GREBEL, T. and NESTA, L. (2023). The fallacy in productivity decomposition. *Journal of Evolutionary Economics*, 33, pp. 797–835.

DEPERI, J., BERTRAND, O., MESCHI, P.X. and NESTA, L. (2022). An organizational learning approach to digital and non-digital firm acquisition behavior. *European Management Journal*, 40(6), pp. 873-882.

GUERINI, M., MUSSO, P. and NESTA, L. (2021). Can you jump this high? Quantifying barriers to market participation. *Economic Modelling*, 98, pp. 192-217.

CASELLI, M., NESTA, L. and SCHIAVO, S. (2021). Imports and labour market imperfections: Firm-level evidence from France. *European Economic Review*, 131, pp. 103632.

CIMITERRA, M., KRAFFT, J. and NESTA, L. (2021). Blockchain as Schumpeter Mark 1 or Mark 2? An empirical analysis of blockchain job offers in France and Germany. *Industrial and Corporate Change*, 30(6), pp. 1388-1402.

GREBEL, T. and NESTA, L. (2020). Competition and private R&D investment. *PLOS ONE*, 15(5), pp. e0232119.

KIYOTA, K., MATSUURA, T. and NESTA, L. (2019). What's behind the figures? Quantifying the Cross-Country Exporter Productivity gap. *Economic Inquiry*, 57(3), pp. 1256-1271.

BELLONE, F., MUSSO, P., NESTA, L. and WARZYNSKI, F. (2016). International Trade and Firm-Level Markups when Location and Quality Matter. *Journal of Economic Geography*, 16(1), pp. 67–91.

NAPOLETANO, M. and NESTA, L. (2016). The multifaceted evolution of industries: sectoral and firm-level evidence. *Industrial and Corporate Change*, 25(5), pp. 809-812.

GAFFARD, J.L. and NESTA, L. (2015). Disparités locales et crise économique : éclairages préliminaires. *Revue de l'OFCE*, 6(142), pp. 151-175.

GUILLOU, S. and NESTA, L. (2015). La crise de 2008 et la productivité totale des facteurs des entreprises françaises. *Revue de l'OFCE*, 6(142), pp. 55-74.

VONA, F., NESTA, L. and NICOLLI, F. (2014). Environmental policies, competition and innovation in renewable energy. *Journal of Environmental Economics and Management*, 67(3), pp. 396-411.

BELLONE, F., KIYOTA, K., MATSUURA, T., MUSSO, P. and NESTA, L. (2014). International Productivity Gaps and the Export Status of Firms: Evidence from France and Japan. *European Economic Review*, 70, pp. 56-74.

DI BIAGGIO, L., NASIRIYAR, M. and NESTA, L. (2014). Substitutability and complementary of technological knowledge and the inventive performance of semiconductor companies. *Research Policy*, 43(9), pp. 1582-1593.

NASIRIYAR, M., NESTA, L. and DI BIAGGIO, L. (2014). The moderating role of the complementary nature of technological resources in the diversification-performance relationship. *Industrial and Corporate Change*, 23(5), pp. 1357-1380.

BELLONE, F., MUSSO, P., NESTA, L. and SCHIAVO, S. (2011). L'impact des contraintes financières sur les performances à l'exportation des entreprises françaises. *Économie et Statistique*, (435-436), pp. 65-83.

FONTANA, R. and NESTA, L. (2011). Pre-entry Experience, Post-entry Learning and Firm Survival: Evidence from the Local Area Networking Switch Industry. *Structural Change and Economic Dynamics*, 21(1), pp. 41-49.

NESTA, L. (2010). Commentaire : Désindustrialisation ou mutation industrielle ? *Économie et Statistique*, 438-440, pp. 297-301.

BELLONE, F., MUSSO, P., NESTA, L. and SCHIAVO, S. (2010). Financial Constraints and Firm Export Behavior. *World Economy*, 33, pp. 347-373.

GAFFARD, J.L., GUILLOU, S. and NESTA, L. (2009). Dossier: Taux de marge et concurrence internationale: Introduction. *Revue de l'OFCE*, 108(1), pp. 115-119.

FONTANA, R. and NESTA, L. (2009). Product Innovation and Survival in a High Tech Industry. *Review of Industrial Organization*, 34(4), pp. 287-306.

NESTA, L. (2008). Knowledge and Productivity in the World's Largest Manufacturing Corporations. *Journal of Economic Behavior and Organization*, 67(3-4), pp. 886-902.

NESTA, L., BELLONE, F., MUSSO, P. and WARZYNSKI, F. (2008). 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*, 8(2), pp. 139-163.

BELLONE, F., MUSSO, P., NESTA, L. and QUÉRÉ, M. (2008). Market Selection Along the Firm Life Cycle. *Industrial and Corporate Change*, 17(4), pp. 753-777.

CANTNER, U., GAFFARD, J.L. and NESTA, L. (2008). Schumpeterian perspectives on innovation, competition, and growth. *Journal of Evolutionary Economics*, 18, pp. 291-293.

BELLONE, F., MUSSO, P., NESTA, L. and QUERE, M. (2008). Market selection along the firm life cycle. *Industrial and Corporate Change*, 17(4), pp. 753-777.

BELLONE, F., MUSSO, P., NESTA, L. and QUERE, M. (2008). The U-shaped Productivity Dynamics of French Exporters. *Review of World Economics*, 144, pp. 636-659.

BELLONE, F., JABBOUR, L., MUSSO, P. and NESTA, L. (2007). Exports and Productivity - Comparable Evidence for 14 Countries. *Review of World Economics*, 144, pp. 596-635.

FONTANA, R., NESTA, L. and SELOSSE, S. (2007). Innovation et sélection des firmes. L'industrie des équipements en réseaux locaux. *Revue de l'OFCE*, (100), pp. 121-142.

MUSSO, P., BELLONE, F., NESTA, L. and QUÉRÉ, M. (2006). Caractéristiques et performances des firmes exportatrices en France. *Revue de l'OFCE*, pp. 183-212.

NESTA, L., GIURI, P., MARIANI, M., BRUSONI, S. and CRESPI, G. (2006). Everything you always wanted to know about inventors (but never asked): Evidence from the PatVal-EU Survey. *Research Policy*, 36, pp. 1107-1127.

NESTA, L. and SAVIOTTI, P.P. (2006). Intégration technologique et valeur boursière des firmes de biotechnologies. *Revue de l'OFCE*, 1(96), pp. 211-233.

NESTA, L. and SAVIOTTI, P.P. (2006). Firm knowledge and market value in biotechnology. *Industrial and Corporate Change*, 15(4), pp. 625-652.

NESTA, L., CRESPI, G.A. and GEUNA, A. (2006). Labour Mobility of Academic Inventors. Career Decision and Knowledge Transfer. *Journal of Technology Transfer*, 32, pp. 195-215.

BELLONE, F., MUSSO, P., QUÉRÉ, M. and NESTA, L. (2006). Productivity and Market Selection of French Manufacturing Firms in the Nineties. *Revue de l'OFCE*, 97bis(5), pp. 319-349.

GEUNA, A. and NESTA, L. (2006). University Patenting and its Effects on Academic Research: the Emerging European Evidence. *Research Policy*, 35(6), pp. 790-807.

DI BIAGGIO, L. and NESTA, L. (2005). Patents Statistics, Knowledge Specialisation and the Organisation of Competencies. *Revue d'Économie Industrielle*, 110(1), pp. 103-126.

NESTA, L. and DI BIAGGIO, L. (2003). Technology Strategy and Knowledge Dynamics : The Case of Biotech. *Industry and Innovation*, 10(3), pp. 331-349.

Books and book editor

GUILLOU, S., NESTA, L., NAPOLETANO, M., SALIES, E., BARDE, S. and GAFFARD, J.L. (2010). *L'Industrie manufacturière en France*. Paris: La Découverte, 128 pages.

CANTNER, U., GAFFARD, J.L. and NESTA, L. (2009). *Schumpeterian Perspectives on Innovation, Competition and Growth*. Springer, 457 pages.

Book chapters

DI BIAGGIO, L., NASIRIYAR, M. and NESTA, L. (2014). The organization of the knowledge base and inventive performance. In: D. Te'eni, Frantz Rowe eds. *Innovation and IT in an international context*. 1st ed. Palgrave Macmillan.

GAFFARD, J.L., GUILLOU, S. and NESTA, L. (2012). R&D and industrial policy. In: Dietrich Michael , Krafft Jackie eds. *Handbook on the Economics and Theory of the Firm*. 1st ed. Edward Elgar Publishing.

NESTA, L. and FONTANA, R. (2007). Product Entry in a Fast Growing Industry: The LAN Switch Market. In: Cantner, U., Malerba, F. eds. *Innovation, Industrial Dynamics and Structural Transformation: Shumpeterian Legacies*. 1st ed. Springer, pp. 87-109.

NESTA, L. (2006). Intangible Assets and Market Value -> Ce chapitre n'existe pas dans le livre. In: Andreas Pyka, Horst Hanusch eds. *Applied Evolutionary Economics and the Knowledge-Based Economy*. 1st ed. Cheltenham: Edward Elgar Publishing.

DI BIAGGIO, L. and NESTA, L. (2005). Technology strategy and knowledge dynamics: the case of biotechnology. In: John H. finch, Magali Orillard eds. *Complexity and the Economy. Implications for economic Policy*. 1st ed. Edward Elgar Publishing, pp. 25-28.

Non peer-reviewed journal articles

GUILLOU, S., NAPOLETANO, M., NESTA, L., SALIES, E., BARDE, S. and GAFFARD, J.L. (2009). Mérites et limites du Pacte automobile. *Lettres de l'OFCE*.

Working papers

DI BIAGGIO, L. and NESTA, L. (2026). *From Footloose to Grounded: Domestic Integration in National Innovation Systems for Artificial Intelligence*. SSRN Electronic Journal.

Conference presentations

DI BIAGGIO, L. and NESTA, L. (2025). European Sovereignty in Artificial Intelligence: A Competence-Based Perspective. In: Science Technology & Innovation.

DI BIAGGIO, L., NESTA, L. and KEITA, M. (2021). The evolution of AI related expertise in the world. In: AGeCSO (Association pour gestion des connaissances dans la Société et les Organisations) conférence. Clermont Ferrand.

MONTMARTIN, B., DI BIAGGIO, L. and NESTA, L. (2018). Regional Alignment and Productivity Growth. In: GEOINNOV. Barcelona.

DI BIAGGIO, L., MONTMARTIN, B. and NESTA, L. (2017). Regional Aligment and Performance. In: IDEA workshop. Chapel Hill.

NASIRIYAR, M., DI BIAGGIO, L. and NESTA, L. (2010). Technological assets as platform for diversification. In: DRUID summer conference, Opening Up Innovation: Strategy, Organization and Technology. London.

DI BIAGGIO, L., NASIRIYAR, M. and NESTA, L. (2009). The organization of the knowledge base and inventive performance. In: Séminaire Innovation et Réseaux, IREGE, Université de Savoie. Annecy.

NASIRIYAR, M., DI BIAGGIO, L. and NESTA, L. (2009). Platforms and business diversification. In: AOM American Academy of Management Conference. Chicago.

NASIRIYAR, M., DI BIAGGIO, L. and NESTA, L. (2009). Coherence and Cohesion.The two faces of knowledge integration. In: AOM American Academy of Management Conference. Chicago.

NASIRIYAR, M., DI BIAGGIO, L. and NESTA, L. (2009). Properties of technological knowledge base and innovative performance: Evidence from the semiconductor industry. In: Schumpeter Society Conference. Rio de Janeiro.

NASIRIYAR, M., DI BIAGGIO, L. and NESTA, L. (2008). Technological regime and innovative pattern in the Semiconductor industry. In: DRUID Conference. Copenhagen.

NASIRIYAR, M., DI BIAGGIO, L. and NESTA, L. (2007). Evolutionary dynamics of technological diversification in the semiconductor industry. In: DRUID Summer Conference on Appropriability, Proximity, Routines and Innovation. Copenhagen.

NASIRIYAR, M., DI BIAGGIO, L. and NESTA, L. (2007). Evolutionary dynamics of technological diversification in the semiconductor industry DRUID Summer Conference 2007 on Appropriability, Proximity, Routines and Innovation. In: EURAM (European Academy of Management) Conference. Paris.

DI BIAGGIO, L. and NESTA, L. (2006). Technological Specialisation and the Evolution of the Semiconductor Industry. In: International J.A. Schumpeter Society Conference. Nice-Sohia-Antipolis.

DI BIAGGIO, L. and NESTA, L. (2003). Knowledge bridges between islands of technologies. How do firms specialize in the semiconductor industry? Does it matter? In: Keith Pavitt Conference. Brighton.