



Nathalie Lazaric

Short bio

I am a French economist recognized among the Top 10-15% authors in France and the EU, and Top 4 % women economists worldwide (Repec). I am CNRS Research Professor in Université Côte d'Azur (France) and visiting professor at Gothenburg University (U-GOT KIES) in Sweden.

Currently I am President of the EAEPE (European Association for Evolutionary Political Economy), chair of many International scientific committees such as International Schumpeter Society and EGOS (European Group Organizational Studies), advisory Editor of Journal of Evolutionary Economics, editor of the Editor of the REPE-Review of Evolutionary Political Economy of and Senior Editor of Organization Science. I am involved in many initiatives towards citizens, scientific debates in the COP 25 and public debates, press, radio and television and I am keen to disseminate and transmit my knowledge and expertise to various audiences.

I have published more than 50 articles in top rank journals, such as Ecological Economics, Organization Science, Industrial and Corporate Change, Research Policy, Journal of Institutional economics, Industry and Innovation, Regional Studies, Journal of Evolutionary Economics, among others. I am involved in several national and European projects on energy consumption, sustainable issues behavioral change and recycling. In France I supervised many projects on sustainable behaviors in electric consumption and I am currently engaged in many field experiments in recycling. My main fields of research include behavioral change, evolutionary theories, organizational routines, habits, sustainable consumption, ecological innovations, smart innovation in energy and mobility, Business models.

Personal details

Born: August 3, 1965, Neuilly, France
Married, 2 children

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Career history

2020 - present: Visiting Professor University of Gothenburg, Sweden.

2010 - present: Research Professor, CNRS Université Côte d'Azur, France

2001 - 2010: CNRS Researcher, GREDEG CNRS Sophia Antipolis, France

2000 - 2001: Visiting Researcher, Latapses CNRS Sophia Antipolis, France

1993 - 2000: Assistant Professor, Université de Technologie de Compiègne, (UTC), France.

Teaching and examining experience (2017-present)

2017- now: New business models in ecological innovations (Master 2)

2019- now: Circular economy: definition, obstacles and various implications (Maser 2)

2017- now: Ecological innovations and territories (master 2)

2017- now: Currently supervisor of two PhD (topic: New tarification system in Marocco for energy services, New transport platforms and business models), and one Post doc for Smart look project.

Distinctions

Top 4% Women Economists

Top 10-15% Authors in France and the EU

Google Scholar quotes: 3192

h-index: 27, h i10 index: 54

Honours, administrative and editorial experiences (2010-present)

2016-today: President of EAEPE (European Association for Evolutionary Economics)

2009-today: editor of the REPE-Review of Evolutionary Political Economy

2003-today: Guest editor for Industrial and Corporate Change, Journal of Evolutionary Economics, JOIE, Organization Science, Revue Economique

2014-today: Advisory Editor for Journal of Evolutionary Economics

2014-2019: Convenor of the standing group «Routines dynamics » EGOS, with Martha Feldman, Luciana d'Adderio and Brian Pentland

2014- 2018: Expert for ANRT (Agence Nationale de Recherche et de Technologie- the French National Association for Research and Technology-); ANR (Agence Nationale de recherche -The French National Research Agency); ADEME (Agence de l'Environnement et de la Maîtrise de l'Énergie Environmental Government Agency for sustainable development-)

2010-present: Reviewer for journals: Industrial and Corporate Change, Organization Science, Academy of Management Journal, Journal of Evolutionary Economics, JOIE, Research Policy, Industry and innovation, Economie Appliquée, RERU, Revue Economique, Cambridge Journal of Economics, Regional Studies, Journal of Management Studies, Structural and Dynamic Change, Industry and Innovation, Journal of Business Research, Economie appliquée, Economies et sociétés, Revue de la Régulation, Revue d'Economie Industrielle

Research grants (principal investigator of research projects -since 2010)

2021-2025: ABSolEU (Paving the way for an ABS recycling revolution in the EU, signed in December 2021, and start June 2022). PI : UCA (Nathalie Lazaric and Nathanael Guigo de l'Institut de Chimie de Nice). HORIZON-CL4-2021-RESILIENCE-01-Project: 101058636 -Partners UCA (PI), CNRS, BIC, LEGO, Volvo Cars, Trinseo, Galloo, RISE, Prospex Institute, Standarder, Jotne (funds : 7 657 022, 00 euros).

2021-2023: BIOLOOP -Laboratory of New BIOSourced Polymers for a Circular Economy-CNRS PRIME TEAM. Partners UMR 5223 IMP (Institut des Matériaux Polymères), and UMR 5206 TRIANGLE, INSA Lyon; Interdisciplinary team with chemists and economists on the issues of recycling biosourced materials. Exploratory project funded by CNRS (20 00 Euros).

2017-2020: SMART LOOK: Learning by looking –uses and diffusion of Energy Monitoring Devices in Monaco, funded by SMEG (Société Monégasque d'Electricité et de gaz) (190 000 euros).

2014-2016: GRECOD2, Inequalities and sustainable consumption with Jean Belin (Université de Bordeaux IV), funded by Ministry of Ecology and Sustainable development.

2011-2013: TICELEC - IT for sustainable behaviours in electric consumption (funded by Région PACA, ADEME, Conseil Général 06).

2010-2013: GRECOD (Groupe de REcherche sur la COnsommation Durable: Une étude des profils de consommation écologiques -Research Group on Sustainable Consumption-), Funded by ADEME with University of Bordeaux IV.

Projects submitted

A Society of Reuse and RecYcLing? (SO RRYL). Leaders: J-B. Bahers (Université de Nantes), M. Durand (Université du Mans), N. Lazaric (Université Côte d'Azur), L. Rocher (Université de Lyon), Y-P. Tastevin (UCAS); Partners: O. Brette, E. Cossart, R.Garcier and L. Rocher (Université de Lyon); D.Florentin (PSL); B. Florin, D.Violeau, F. Troin (Université de Tours); A. Kirakozian (Université de Lorraine); A. Pierrat (Université du Mans); B. Monsaingeon and D. Roux (Université de Reims). Funds: Priority exploratory Research Programs and Equipment (PEPR); ANR application: 1 200 000 euros, 48 months.

Household waste (HW). Leaders: L. Barna and P. Guiraud (INSA Toulouse), Y. Chalamet (UJM Saint-Etienne), M. Durand (Université du Mans), A. Kirakozian (Université de Lorraine) N. Lazaric (Université Côte d'Azur). Partners: S. Bacconnier (Université du Mans); L. Montastruc, S.Negny and C. Azzaro- Pantel (INP Toulouse); C. Vienne, M. Costin, J. Rathore and J. Escoda (Université Paris-Saclay); A. De Ryck, A. Chamayou, R. Calvet, P. Accart, S. Del Confetto, L. Devriendt, S. Patry and J-M. Sabathier (IMT Albi); O. Brette (Université de Lyon); P. Zeppini and M. Pezzoni (Université Côte d'Azur), P. Guiraud (INSA Toulouse), N. Arfaoui (Université Catholique de Lyon). Funds: Priority exploratory Research Programs and Equipment (PEPR); ANR Application :1 000 000 euros, 48 months.

Publications

Books

2010: Les théories économiques évolutionnistes –Evolutionary foundations-, Repères, Paris, La découverte.

Books (edited books)

- 2012:** Handbook of Knowledge and Economics, (2012) Edward Elgar, Londres, with Arena R. and Festré A.
- 2009:** Organizational routines: advances in empirical research, Edward Elgar, Cheltenham, with M. Becker
- 2003:** Knowledge, Learning and Routines, Critical Studies in Economic Institutions, 2 Volumes, with E. Lorenz
- 1998:** Trust and Economic Learning, Edward Elgar, London, with Edward Lorenz.

Articles

- 2022 :** Lazaric Nathalie & Toumi Mira, [Reducing consumption of electricity: A field experiment in Monaco with boosts and goal setting](#), *Ecological Economics*, 191, 107231
- 2021:** Parmentier Cajaiba Aura, Lazaric Nathalie & Cajaiba Santana Giovany, The effortful emergence of routines: Binding old and new paradigms together, *Journal of Evolutionary Economics*, 31 (1), pp. 33-63.
- 2020:** Belaïd Fateh, Ben Youssef Adel & Lazaric Nathalie, Scrutinizing the rebound effect for French households using quantile regression and data from an original survey, *Ecological Economics*, 176, pp.106-255
- 2020:** Attour Amel, Baudino Marco, Krafft Jackie & [Lazaric](#) Nathalie, Determinants of smart energy tracking application use at the city level: Evidence from France, *Energy Policy*, 147,111866.
- 2020:** Attour Amel & [Lazaric](#) Nathalie, From knowledge to business ecosystems: emergence of an entrepreneurial activity during knowledge replication, *Small Business Economics*, 54, pp. 575-587.
- 2020:** Cincotti Silvano, Elsner Wolfram, Lazaric Nathalie, Nesvetailova Anastasia & Stockhammer Engelbert, Evolutionary Political Economy inaugural issue, part 2. *Review of Evolutionary Political Economy*, 1, pp. 145-148
- 2020:** Cincotti Silvano, Elsner Wolfram, Lazaric Nathalie, Nesvetailova Anastasia et Stockhammer Engelbert (2020), Towards an evolutionary political economy, *Review of Evolutionary Political Economy*, 1, pp.1-12,
- 2020:** Lazaric Nathalie, Le Guel Fabrice, Belin Jean, Oltra Vanessa, Lavaud Sébastien & Douai Ali (2020), Determinants of sustainable consumption in France: the importance of social influence and environmental values, *Journal of Evolutionary Economics*. 30, pp. 1337-1366.
- 2020:** Lazaric Nathalie, Tridico, Pasquale & Fadda Sébastiano, Governing structural change and sustainability through (new) institutions and organizations, *Journal of Evolutionary Economics*, 30, pp. 1267–1273
- 2019:** [Belin](#) Jean, [Guille](#) Marianne, [Lazaric](#) Nathalie & [Mérindol](#) Valérie, Defense Firms Adapting to Major Changes in the French R&D Funding System, *Defence and Peace Economics*, 30 (2) pp.142-158.
- 2017:** Kendel A., Lazaric N., Maréchal K., What do people 'learn by looking' at direct feedback on their energy consumption? Results of a field study in Southern France, *Energy Policy*, 108, 593-605.
- 2017:** Brette O., Lazaric N., da Vieira V., 2017, Habit, Decision Making and Rationality: Comparing Thorstein Veblen and Early Herbert Simon, *Journal of Economic Issues*, (3), 567-587.
- 2016:** Feldman, M.S., Pentland, B. T., D'Adderio, L., Lazaric, N., Beyond routines as things: Introduction to the special issue on routine dynamics, *Organization Science*, 27(3):505-513.
- 2015:** Kendel A., Lazaric N., The diffusion of smart meters in France: A discussion of empirical evidence and the implications for smart cities in France, *Journal of Strategy and Management*, 8(3) 231-244.
- 2014:** Lazaric N., Raybaut A., "Do incentive systems spur work motivations of inventors in high-tech firms: A group-based perspective", *Journal of Evolutionary Economics*, (24), 135-157.
- 2014:** Brette O., Bühler T., Lazaric N., Maréchal K "Reconsidering the nature and effects of habits in urban transportation behavior", *Journal of Institutional Economics*, (10) 399-426.
- 2014:** Ayerbe C., Lazaric N., Callois M., Mitkova L, "The new challenges of organizing intellectual property in complex industries: a discussion based on the case of Thales", *Technovation*, (34) 232-241,
- 2014:** Lazaric N., Jin J., Douai A., Ayerbe C., "Role of Users in the Developing Eco-Innovation: Comparative case research in China and France", *Economies et Sociétés, série W. n° 15*, 455-476.
- 2013:** Cantner U., Dinopoulos E., Hanusch H., Orsenigo L., Lazaric N., Carlaw K., Fontana R., Mc Cann C., Pyka A., "Obituary: Steven Klepper", *Journal of Evolutionary Economics*, 23(3), 503-505.
- 2013:** Bonnin de Toffoli C. & Lazaric N., 2013, « Consommation Durable et sécurité alimentaire », *Revue Juridique de l'Environnement*, 4, pp 625- 635.
- 2012:** Ayerbe C., Lazaric N., Mitkova L., Callois M., « Nouveaux enjeux d'organisation de la propriété industrielle dans les industries complexes: une discussion à partir du cas Thales », *Revue d'Economie Industrielle*, (137) 9-41.
- 2012:** D'Adderio, L., Feldman M., Lazaric N., Pentland B., « Special Issue on Routines dynamics, Exploring sources of stability and changes in Organizations », *Organization Science*, 23 (6), 1782-1784.
- 2011:** Lazaric N., "Organizational routines and cognition: an introduction to empirical and analytical contributions", *Journal Of Institutional Economics*, 7(2) June, 147-156.
- 2011:** Lazaric N., Mérindol V., Rochhia. S., "Changes in the French defence innovation system: New roles and capabilities for the Government Agency for Defence, *Industry and Innovation*, Vol. 18(5), July, 509-530.

- 2010:** Maréchal K., Lazaric N., "Overcoming inertia: insights from evolutionary economics into improved energy and climate policy", *Climate Policy*, (10), 103-119.
- 2009:** Guillou, S., Lazaric N., Longhi, C., Rochhia, S., "The French defence industry in the knowledge management era: a historical overview and evidence from empirical data", Vol. 18 (1): *Research Policy*, 170-180.
- 2008:** Huet F., Lazaric N., "Capacité d'absorption et d'interaction: une étude de la coopération dans les PME françaises", *Revue d'économie Industrielle*, n°121, premier trimestre, 60-75.
- 2008:** Lazaric N., C. Longhi, C. Thomas, "Gatekeepers of Knowledge versus Platforms of Knowledge: From potential to realized absorptive capacity", *Regional Studies*, Vol. 42, (6): 837-852.
- 2008:** Lazaric N., Rochhia S. et Mérindol V., 2008, "Changements organisationnel et institutionnel dans l'industrie de la défense", *Economie et institutions*, numéro spécial sur l'économie de la défense, Vol. 12 et 13, 31-60.
- 2007:** Lazaric N., A. Raybaut. 2007, "Knowledge, Hierarchy and incentives: Why human resource policy and trust matter," *International Journal of Technology and Globalisation*, Vol. 3, (1), 8-23.
- 2005:** Lazaric N., B. Denis. "Routinisation and memorisation of tasks inside a workshop: an illustration through a case study", *Industrial and Corporate Change*, Vol. 14, (5), 873- 896.
- 2005:** M. Becker, Lazaric N., R. Nelson et S. Winter, "Applying organizational routines in understanding organizational change" *Industrial and Corporate Change*, Vol. 14 (5), 775-791.
- 2005:** N. Lazaric, A. Raybaut, "Knowledge, hierarchy and the selection of routines: an interpretative model with group interactions", *Journal of Evolutionary Economics*, 15, 393-421,
- 2004:** F. Huet., Lazaric N., "Apprentissage coopératif et complémentarité des mécanismes de coordination: une étude empirique", *Economies et Sociétés*, 8, 2073-2103.
- 2004:** N. Lazaric, "Book review: Conventions and Structures in Economics Organization: Markets, Networks and Hierarchies", *Journal of Evolutionary Economics*, 15, (4), 121 -124.
- 2004:** Lazaric N., "Reconfiguring "communities of practices" through codification of knowledge: The French blast furnace case study", *European Journal of Economic and Social Systems*, vol. 18: 61-79.
- 2004:** Lazaric N., A. Raybaut, "Knowledge creation facing hierarchy: the dynamics of groups inside the firm, JASSS *Journal of Artificial Societies and Social Simulation* w://jasss.soc.surrey.ac.uk/7/2/3/html. Translated in Russian in Journal Management Digest
- 2003:** N. Lazaric, P.A. Mangolte et M.L. Massue, "Articulation and codification of collective know how in the steel industry: some evidence in the French blast furnace", *Research Policy*, 32, 1829-1847.
- 2003:** Arena, R et Lazaric N., "La théorie évolutionniste du changement économique de Nelson et Winter: une analyse économique retrospective", *Revue Economique*, Volume 54, Mars, 329-354.
- 2003:** Arena, R et Lazaric N., "La théorie évolutionniste 20 ans après: une introduction", *Revue Economique*, Volume 54, Mars, 323-329.
- 2003:** Becker M., Lazaric N., "The influence of knowledge in the replication of routines", *Economie Appliquée*, Tome LVI, n° 3, Septembre, 65-94.
- 2002:** Lazaric N., P.A. Mangolte et M.L. Massue, "Capitalisation des connaissances et transformation de la routine organisationnelle: le cas Sagem", *Revue d'Economie Industrielle*, n° 101, 4 ième trimestre, 65-86.
- 2001:** Lazaric N., B. Denis, "How and why routines change: some lessons from the articulation of knowledge with ISO 9002 implementation in the food industry", *Economies et Sociétés*, n° 6, 585-612.
- 2000:** Lazaric N., "The role of routines, rules and habits in collective learning: some epistemological and ontological considerations", *European Journal of Economic and Social Systems*, Vol. 14, n° 2:157-171.
- 2001:** Lazaric N., L. Marengo, "Towards a characterization of knowledge and assets created in technological agreements: some empirical evidence in the automobile-robotics sector", *Industrial and Corporate Change*, Vol. 9, n° 2, 53-86.
- 2000:** Lazaric N., "Apprentissage collectif, routines et compétences : richesses et apories de la théorie évolutionniste", *Technologies, Idéologies, Pratiques*, Vol. 14, n° 1: 31-57.
- 1999:** Lazaric N., P. A. Mangolte, 1999, "Routines in practice: some criticisms of the cognitive perspective", *Revista di Economia Contemporanea*, n° 5, Janeiro-Junho: 7-36.
- 1998:** Lazaric N., P. A. Mangolte, 1988, "Routines et mémoire organisationnelle : un questionnement critique de la perspective cognitiviste", *Revue Internationale de Systémique*, Vol. 12, n° 1 : 27-49.
- 1998:** Divry C., Lazaric N., 1998, "Mémoire organisationnelle et codification des connaissances", *Revue Internationale de Systémique*, Vol. 12, n° 1: 3-11.
- 1996:** Lazaric N., Organizational learning and combinative capacity during technological agreements: some empirical evidence in the Robotic Sector, *Revue Internationale de Systémique*, Vol. 10, n° 3: 22-40.
- 1992:** Lazaric N., "Origines et développement de la robotique", *Revue d'Economie Industrielle*, n° 61, 3 ième trimestre, 54-67.

Guest speaker or Keynote (2010-present, selection)

Lazaric N., Evolution and institution. Behaviour to complexity in Economics, A workshop on Future of Economics, Thapar Institute & The Open University, India, online conference, 26 may 2021.

Lazaric N., How to foster energy transition: Results from Southern France? COP25, Plenary, Official Side Event, Madrid, 05 December 2019 .

Lazaric N., Energy tracking and learning by looking, Conference Cracow University, Poland , 03 December 2019.

Towards a greener economy: obstacles, learning and nudging, Colloque AFEP (Association Française d'Economie Politique, 03 July 2019, Lille France

Going towards sustainable consumption, 12 th EAEPE Summer School, Roma Tre University, Roma, Italy, 01 July 2019.

Organizational dynamics and routines, Séminaire Stratégie Process, IAE Toulouse, Toulouse, 27 Feb ; 2017.

Routines a state of the art, Haas Business School University of Berkeley, California, US; 12-14th December 2016. Co-auteur M. Becker.

“Organizational dynamics and complexity: formal modeling and theoretical background”, 9th EAEPE Summer School “Capital and Labour in an Evolving and Complex Global Economy », Roma Tre University, Roma, Italy, 4-8 July th 2016.

« Limits to the entrepreneurship in the energy field: Restricted windows of opportunity for smart meters in France», Workshop «Evolutionary approaches informing research on entrepreneurship and regional development », University of Gothenburg, Gothenburg, Sweden, 9-11th December 2015.

« Feedback et Consommation électrique: analyse et mesure des leviers du changement », Université de Grenoble, Séminaire GAEL. 18 th December 2014.

« Does a green neighbourhood spur sustainable consumption? Theory and evidence from consumer behaviour in France”, University of Jena, Germany, 18 th June 2014.

Routines reconsidered in an evolutionary framework, Wartensee's Schloss keynote for the Workshop on evolutionary theories, University of St Gallen, Wartensee, Suisse June 2011.

Disrupting and managing routines in case of drastic changes: the case of French energy policy and sustainable development programs, Manchester Business School, Manchester, October 2011.

Sustainable change and behavioral regularity in consumption, Jena workshop “Economic Change and consumer Behavior” 05 th October 2010

Les théories évolutionnistes: quel type de sélection, pour quel débat en économie?, Séminaire Evo-Eco (évolution et économie) 2010/2011, l'IHPST -[Institut d'Histoire et de Philosophie des Sciences et des Techniques](#)- Université Paris 1 Panthéon Sorbonne, 10th November 2010.

Media and scientific diffusion of knowledge (last interviews)

Interviews in diverse media on new ways on consumption and ecological transition: local media Nice Matin, Fr 3 (regional TV), Ouest France, Sciences et Avenir; national media : France Inter, International media : The Economist.

Diffusion of knowledge: Communication for large audience in schools, scientific manifestation “fête de la science” on “The greener economy and ecological transition”.