

## CURRICULUM VITAE

### NICOLAS JONARD

Born December 21, 1969  
French Citizenship  
Married, One Child

Faculty of Law, Economics and Finance  
University of Luxembourg  
6, rue Richard Coudenhove-Kalergi  
L-1359 Luxembourg  
Phone: (+352) 46 66 44 6258  
E-mail: nicolas.jonard@uni.lu

### ACADEMIC AND PROFESSIONAL EXPERIENCE

---

- 2015-: Professor of Economics and Management, Université du Luxembourg, Luxembourg
- 2006-2014: Associate Professor of Economics and Management, Université du Luxembourg, Luxembourg
- 2002-2006: CNRS Researcher, Centre de Recherche en Epistémologie Appliquée, Ecole Polytechnique, Paris
- 1999-2002: CNRS Researcher, Bureau d'Economie Théorique et Appliquée, Université Louis Pasteur, Strasbourg
- 1998-1999: Post Doctoral Research Fellow, Maastricht Economic Research Institute on Innovation and Technology (MERIT), Universiteit Maastricht
- 1992-1998: Teaching Assistant, Faculté des Sciences Economiques et de Gestion, Université Louis Pasteur, Strasbourg

### UNIVERSITY ADMINISTRATIVE DUTIES

---

- 2016-: Chair of the Department of Economics and Management (DEM)
- 2019-: Study Program Director of the Bachelor's Degree in Management, Université du Luxembourg.
- 2012-2016: Study Program Director of the Bachelor's Degree in Management, Université du Luxembourg.
- 2006-2010: Study Program Director of the Master's Degree in Entrepreneurship and Innovation, Université du Luxembourg
- 2006-2008: Study Program Director of the Bachelor's Degree in Management, Université du Luxembourg

### EDUCATION

---

- 1997: PhD in Economics, Université Louis Pasteur, Strasbourg

1993: MA in Economics, Université Louis Pasteur, Strasbourg

1992: MS in Actuarial Science, Université Louis Pasteur, Strasbourg

## **TEACHING AND SUPERVISION EXPERIENCE**

---

Participation in doctoral programmes:

European Summer School on Industrial Dynamics, Dubrovnik (2007)

European Doctoral Training Programme on the Economics of Technological and Institutional Change, Strasbourg (2010, 2009, 2002, 2001)

Université du Luxembourg:

Macroeconomics (2011-2016, Undergraduate)

Research Methods (2008-2019, Master)

Contemporary Economic Issues (2007-, Undergraduate)

Corporate Finance (2006-2009, Undergraduate)

Multinational Business Finance (2006-2019, Undergraduate)

Universiteit Maastricht:

Economic History (1999, Undergraduate)

Université Louis Pasteur:

Statistics for Economics (1993-1998, Undergraduate)

Mathematics for Economics (1992-1998, Undergraduate)

PhD supervision:

Ruth Samson (Université du Luxembourg, 2019-)

Jean-Nicolas Reyt (Université du Luxembourg, 2011-2014)

Maurizio Cortesi (AFR grant, Université du Luxembourg, 2008-2012)

Müge Özman (joint supervision with R. Cowan, Universiteit Maastricht, 2001-2005)

Postdoc supervision:

Laurent Berge (2016-2021) Alfonso Valdesogo (AFR grant, 2009-2011)

PhD committees:

Tatevik Poghosyan (Maastricht University, 2019)

Florian Blechschmitt (Universität Mannheim, 2018)

Thorsten Doheer (Université du Luxembourg, 2018)

Jean-Nicolas Reyt (Université du Luxembourg - Université Paris-Dauphine, 2014)

Maurizio Cortesi (Université du Luxembourg, 2012)

Amalia Suzianti (Université du Luxembourg, 2011)

Sylvaine Castellano (Université du Luxembourg, 2010)

Olga Ivanova (Université du Luxembourg, 2010)

Thierry Rayna (Université Aix-Marseille III, 2007)

Müge Özman (Universiteit Maastricht, 2005)

Elad Harison (Universiteit Maastricht, 2004)

Gottfried Liebbrandt (Universiteit Maastricht, 2003)

## **PUBLISHED WORK**

---

### **JOURNAL ARTICLES**

---

1. Cowan, R. and N. Jonard (2022) "Modular organizations and informal structures: Modularity, performance and the alignment of organizational networks", *Industrial and Corporate Change*, forthcoming.
2. Baum, J., Cowan, R. and N. Jonard (2014) "Prescriptions for Network Strategy: Does Evidence of Network Effects in Cross-Section Support them?", *Strategic Management Journal*, 35, 652-667.

3. Boyer, T. and N. Jonard (2014) "Imitation and Efficient Contagion", *Journal of Economic Behavior and Organization*, 100, 20-32.
4. Baum, J., Cowan, R. and N. Jonard (2010) "Network-Independent Partner Selection and the Evolution of Innovation Networks", *Management Science*, 56, 2094-2110.
5. Cowan, R. and N. Jonard (2009) "Knowledge Portfolios and the Organization of Innovation Networks", *Academy of Management Review*, 34, 101-122.
6. Cowan, R., Jonard, N. and J.-B. Zimmermann (2007) "Bilateral Collaboration and the Emergence of Innovation Networks", *Management Science*, 53, 1051-1067.
7. Cowan, R. and N. Jonard (2007) "Merit, Approbation and the Evolution of Social Structure", *Journal of Economic Behavior and Organization*, 64, 295-315.
8. Cowan, R. and N. Jonard (2007) "Structural Holes, Innovation and the Distribution of Ideas", *Journal of Economic Interaction and Coordination*, 2, 93-110.
9. Cowan, R., Jonard, N. and J.-B. Zimmermann (2006) "Evolving Networks of Inventors", *Journal of Evolutionary Economics*, 16, 155-174.
10. Jeunet, J. and N. Jonard (2005) "Single Point Stochastic Search Algorithms for the Multi Level Lot Sizing Problem", *Computers and Operations Research*, 32, 985-1006.
11. Cowan, R., Jonard, N. and M. Özman (2004) "Knowledge Dynamics in a Network Industry", *Technological Forecasting and Social Change*, 71, 469-484.
12. Cowan, R. and N. Jonard (2004) "Network Structure and the Diffusion of Knowledge", *Journal of Economic Dynamics and Control*, 28, 1557-1575.
13. Jonard, N. and E. Schenk (2004) "A Note on Compatibility and Entry in a Circular Model of Product Differentiation", *Economics Bulletin*, 12, 1-9.
14. Jonard, N. and E. Schenk (2003) "A Duopoly Logit Model with Price Competition and Strategic Compatibility", *Annales d'Economie et de Statistique*, 69, 143-168.
15. Cowan, R. and N. Jonard (2003) "The Dynamics of Collective Invention", *Journal of Economic Behavior and Organization*, 52, 513-532.
16. Cowan, R., Jonard, N. and J.-B. Zimmermann (2003) "Complémentarités Cognitives et Production de Connaissances Nouvelles: une Analyse en Termes de Réseaux", *Revue d'Economie Industrielle*, 103, 253-274.
17. Jonard, N. (2002) "On the Survival of Cooperation under Different Matching Schemes", *International Game Theory Review*, 4, 459-473.
18. Dellaert, N., Jeunet, J. and N. Jonard (2000) "A Genetic Algorithm to Solve the Multi-Level Lot-Sizing Problem in Material Requirement Planning Systems", *International Journal of Production Economics*, 68, 241-257.
19. Jeunet, J. and N. Jonard (2000) "Measuring the Performance of Lot-Sizing Techniques in Uncertain Environments", *International Journal of Production Economics*, 64, 197-208.
20. Jonard, N. (1999) "Technological Complementarities and Aggregate Fluctuations in a Markovian Industry", *Annales d'Economie et de Statistique*, 53, 149-169.
21. Jonard, N. and M. Yildizoglu (1998) "Technological Diversity in an Evolutionary Industry Model with Localized Learning and Network Externalities", *Structural Change and Economic Dynamics*, 9, 33-51.

## BOOK CHAPTERS

---

1. Cowan, R., Sanditov, B. and N. Jonard (2013) "Fits and Misfits: Technological Matching and R&D Networks", in Burger-Helmchen, T. (Ed.), *The Economics of Creativity: Ideas, Firms and Markets*, Routledge, 281-308.
2. Cowan, R. and N. Jonard (2008) "If the Alliance Fits...: Innovation and Network Dynamics", in Baum, J. and T. Rowley (Eds.), *Advances in Strategic Management*, 25, 427-455.
3. Cowan, R. and N. Jonard (2008) "Structural Holes, Innovation and the Distribution of Ideas", in Pyka, A. and A. Scharnholtz (Eds.), *Innovation Networks*, Springer series on Complexity Theory, 127-145, reprinted from the *Journal of Economic Interaction and Coordination*.
4. Cowan, R. and N. Jonard (2005) "Network Formation, Innovation and the Use of Information Technologies", in Soete, L. and B. Ter Weel (Eds.) *The Economics of the Digital Society*, Edward Elgar.
5. Cowan, R. and N. Jonard (2004) "Knowledge Flows in Open Science", in Audretsch, D., Fornhal, D. and C. Zellner. (Eds.), *The Role of Labor Mobility and Informal Networks for Knowledge Transfer*, Dordrecht, Kluwer.
6. Cowan, R., Jonard, N. and J.-B. Zimmermann (2004) "On the Creation of Networks and Knowledge", in Gallegati, M., Kirman, A. and M. Marsili (Eds.) *The Complex Dynamics of Economic Interaction: Essays in Economics and Econophysics*, Springer, Lecture Notes in Economics and Mathematical Systems, 531, 337-354.
7. Cowan, R. and N. Jonard (2003) "The Workings of Scientific Communities", in Geuna, A., Selter, A. and E. Steinmueller, *Science and Innovation: Rethinking the Rationale for Funding and Governance*, Edward Elgar, 309-334.
8. Cowan, R. and N. Jonard (2002) *Preface*, in Cowan, R. and N. Jonard (Eds.), *Heterogenous Agents, Interactions and Economic Performance*, Springer, Lecture Notes in Economics and Mathematical Systems, 521, V-IX.
9. Cowan, R., Jonard, N. and Jean-Benoit Zimmermann (2002) "The Joint Dynamics of Networks and Knowledge", in Cowan, R. and N. Jonard (Eds.), *Heterogenous Agents, Interactions and Economic Performance*, Springer, Lecture Notes in Economics and Mathematical Systems, 521, 155-174.
10. Cowan, R. and N. Jonard (2001) "Knowledge Creation, Knowledge Diffusion and Network Structure", in Kirman, A. and J.-B. Zimmermann (Eds.), *Economies with Heterogenous Interacting Agents*, Springer, Lecture Notes in Economics and Mathematical Systems, 503, 327-343.
11. Jonard, N., Llerena, Patrick and Babak Mehmanpazir (1998) "Networks Competition under Local Interaction and Behavioral Learning", in Cohendet, P., Llerena, P.k, Stahn, H.t and G. Umbhauer, *The Economics of Networks: Interaction and Behaviours*, Springer, 149-166.
12. Jonard, N. and Murat Yildizoglu (1998) "Interaction between Local Interactions: Localized Learning and Network Externalities", in Cohendet, P., Llerena, P., Stahn, H. and G. Umbhauer, *The Economics of Networks: Interaction and Behaviours*, Springer, 189-204.

## BOOK EDITED

---

*Heterogenous Agents, Interactions and Economic Performance* (2002) Cowan, R. and N. Jonard (Eds.), Springer, Lecture Notes in Economics and Mathematical Systems, 521.

## CONFERENCES AND SEMINARS

---

- “Organizations and Emotions: Design, Contagion and Performance”, with R. Cowan and R. Weehuizen:  
UNU-MERIT International Conference “Future perspectives on innovation and governance in development”, Maastricht, November 2014;  
18th Workshop on Economics with Heterogenous Interacting Agents, Reykjavik, June 2013.
- “The Small World of Corporate Boards: International Evidence from Listed Firms”, with A. Heinen, M. Hamadi and A. Valdesogo:  
European Economic Association & Econometric Society, Málaga, August 2012.
- “Organizational Structure, Organizational Performance and Emotional Contagion”, with R. Cowan and R. Weehuizen:  
University of Jena, May 2012.
- “Prescriptions for Network Strategy: Does Evidence in Cross-Section Effects Support Them?”, with J. Baum and R. Cowan:  
Academy of Management Annual Meeting, San Antonio, August 2011.
- “Experiments on knowledge exchange networks.”, with R. Cowan and B. Sanditov:  
ZiF workshop on R&D collaboration networks, Bielefeld, October 2009.
- “Network-independent partner selection and the evolution of innovation networks”, with J. Baum and R. Cowan:  
Academy of Management Annual Meeting, Chicago, August 2009 (Best Paper Award of the Organization and Management Theory Division).
- “Patent Races on Innovation Networks”, with R. Cowan and B. Sanditov:  
International Conference on Network Modelling and Economic Systems, Lisbon, October 2008.
- “If the Alliance Fits...: Innovation and Network Dynamics”, with R. Cowan:  
GREQAM Seminar, Marseille, February 2008.
- “Knowledge Portfolios and the Organization of Innovation Networks”, with R. Cowan:  
Network Strategy Conference, Toronto, May 2007;  
Distributed Networks and the Knowledge-based Economy, Juan les Pins, May 2007.
- “Innovation networks and the distribution of knowledge”, with R. Cowan:  
1st International Conference on Economic Sciences with Heterogeneous Interacting Agents (formerly WEHIA), Bologna, June 2006;  
DRUID Summer Conference 2006, Copenhagen, June 2006.
- “Clusters, Ideas and Shortcuts”, with R. Cowan:  
Workshop “Innovation networks: Developing an integrated approach”, Augsburg, October 2005.
- “Status and the Evolution of Social Structure: Dynasties, Meritocracy and Cycles”, with R. Cowan:  
Agregation et Marchés, Colloque en l’honneur d’Alan Kirman, Marseille, June 2005.
- “Networks as Emergent Structures from Bilateral Collaboration”, with R. Cowan and J.-B. Zimmermann:  
DRUID Tenth Anniversary Summer Conference, Copenhagen, June 2005;  
Workshop on Structure and Function of Complex Networks, Trieste, May 2005.
- “Complementarities and spillovers: On the economics of R&D alliances with public knowledge”, with R. Cowan and J.-B. Zimmermann:  
International Schumpeter Society Meeting, Milan, June 2004;  
DRUID Summer Conference 2004 “Industrial Dynamics, Innovation and Development”, Copenhagen, June 2004;  
Proxi 2004, Marseille, June 2004.

- “On the Creation of Networks and Knowledge”, with R. Cowan and J.-B. Zimmermann:  
 Conference on “Market Dynamics”, Nice Sophia Antipolis, November 2003;  
 Seminar, Tilburg University, October 2001.
- “Changing Places: Networks and Job Markets in Open Science”, with R. Cowan:  
 DRUID Summer Conference, Aalborg, June 2003;  
 European Association of Research in Industrial Economics (EARIE), Helsinki, August 2003.
- “The Joint Dynamics of Networks and Knowledge”, with R. Cowan and J.-B. Zimmermann:  
 EAEPE Conference, Aix en Provence, November 2002;  
 Workshop on Economics with Heterogenous Interacting Agents, Triesta, June 2002;  
 DRUID Summer Conference, Aalborg, June 2002;  
 Eighth International Conference of the Society for Computational Economics, Aix en Provence,  
 June 2002;  
 Seminar, GREQAM, Marseille (France), January 2002;  
 Max Planck Institute Iena, December 2001;  
 Workshop on Economics with Heterogenous Interacting Agents, Maastricht, June 2001.
- “The Workings of Scientific Communities”, with R. Cowan:  
 NPR-Net workshop, Paris, May 2001;  
 Max Planck Institute, Iena, December 2002.
- “The Dynamics of Imitation in Structured Populations”, with E. Schenk and A. Ziegelmeyer:  
 Workshop on Economics with Heterogenous Interacting Agents, Marseille, June 2000.
- “The Dynamics of Collective Invention”, with R. Cowan:  
 Workshop on Economics with Heterogenous Interacting Agents, Marseille, June 2000.
- “Network Structure and the Diffusion of Knowledge”, with R. Cowan:  
 CNAM, Seminar C4C, Paris, April 2003;  
 Seminar, University Christian Albrecht, Kiel, January 2000;  
 Workshop on Economics with Heterogenous Interacting Agents, Genoa, June 1999;  
 Second Munich Workshop on Network Economics, Munich, May 1999;  
 Seminar, GREQAM, Marseille, May 1999.
- “A Duopoly Logit Model with Price Competition and Strategic Compatibility”, with E. Schenk:  
 Econometric Society European Meeting, Saint Jacques de Compostelle, September 1999;  
 European Association of Research in Industrial Economics Meeting, Torino, September 1999;  
 Fifth International Conference in Applied Public Economy, Brest, June 1999;  
 Second Munich Workshop on Network Economics, Munich, May 1999.
- “Open Standard Compatibility: Network Externalities versus Product Differentiation”, with E. Schenk:  
 Conference on the Economics of Technological and Institutional Change, Strasbourg, October  
 1998;  
 Meeting of the European Economic Association, Berlin, September 1998;  
 European Association of Research in Industrial Economics Meeting, Copenhagen, September 1998
- “Sources of Technological Diversity”, with M. Yildizoglu:  
 Seventh Meeting of the International Schumpeter Society, Vienna, June 1998.
- “A Genetic Algorithm to Solve the Multi-Level Lot Sizing Problem in MRP Systems”, with N. Dellaert  
 and J. Jeunet:  
 Tenth International Working Seminar on Production Economics, Innsbruck, February 1998.
- “A Speculative Centralized Market with Heterogenous Agents”, with F. Chiaromonte and Giovanni  
 Dosi: Maastricht University, February 1999.
- “Technological Diversity in an Evolutionary Industry Model with Localized Learning and Network Ex-  
 ternalities”, with M. Yildizoglu:

Third International Conference on Computation in Economics and Finance, Stanford, July 1997;  
Third International Meeting of the Society for Advancement in Economic Theory, Antalya, July 1997;  
International Workshop on Economic Evolution, Learning and Complexity: Econometric, Experimental and Simulation Approaches, Augsburg, May 1997;  
International Conference on Innovation and Evolution, Maastricht, September 1996.

## **CURRENT RESEARCH**

---

“Voluntary Scientists Mobility, Involuntary Mobility, and Innovation Performance: Evidence from the Collapse of Nortel Networks”, with L. Bergé and R. Samson (presented at the DRUID21 Industry and Innovation Conference, Copenhagen, 2021 and at the Strategic Management Society 42nd annual conference, London, 2022)

“The aftermath of downsizing: networks, employee turnover and organizational learning” , with F. Blechschmitt and M. Brauer (presented at the Academy of Management Annual Meeting, Atlanta, 2017).

## **ACADEMIC SERVICE**

---

### **REFEREEING**

---

Computers and Operations Research, Industrial and Corporate Change, Journal of Evolutionary Economics, Organization Science, Econometrica, Journal of Economic Dynamics and Control, Physical Review E, M@n@gement, Economics of Innovation and New Technology, Journal of Economic Behavior and Organization, Structural Change and Economic Dynamics, Economie et Prévision, Annales d’Economie et de Statistiques, Revue Economique,

### **COMMITTEE WORK**

---

Agence Nationale de la Recherche (ANR), Comité d’Evaluation Scientifique (CES26) “Innovation-Travail” (2015, 2016)

## **FUNDED RESEARCH PROJECTS**

---

“The Small World of Banking in Benelux” (BABE, 2009-2011), FNR CORE programme.

“Network Models, Governance and R&D Collaboration Networks” (NEMO, 2006-2009), EU FP6, STREP programme, Coordinator: ARC Systems Research, Vienna.

“Réseaux, Coalitions et Marchés: Une approche interactionniste de la complexité” (2003-2005), ACI “Systèmes Complexes en SHS” Ministère de la Recherche/CNRS, Coordinator: GREQAM, Marseille.

“Innovation, Networks and the Creation of Knowledge” (iNeck, 2003-2005), EU FP5, Coordinator: MERIT, Maastricht.

“Innovation and Networks: Structural Effects on Knowledge Creation and Diffusion” (2000), France-Canada Research Fund.

“TIPIK: Technology and Infrastructure Policy in the Knowledge-Based Economy” (TIPIK, 1998-2000), EU FP4, TSER programme, Coordinator: BETA, Strasbourg.

“Structures d’interactions, dynamique de l’innovation et politiques technologiques” (1998-1999), CNRS programme “Les enjeux économiques de l’innovation”.

## **CITATION METRICS (October 20, 2022)**

---

|                   | Google scholar | Scopus |
|-------------------|----------------|--------|
| total cites:      | 4116           | 1656   |
| h-index:          | 19             | 13     |
| most cited paper: | 1459           | 616    |