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CURRICULUM VITAE

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Personal particulars

Date of birth: November 22, 1968.

Place of birth: Schaerbeek, Belgium.

Civil status: Married to Ana Mauleon. Daughters : Maïténa and Elsa.

Nationality: Belgian.

Home address: Av. Jules César 106 / 2, B-1150 Bruxelles, Belgique.

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Current Position

- Research Associate of the Fonds National de la Recherche Scientifique (FNRS), October 2002 - present.
- Professor, Department of Economics, Université catholique de Louvain, October 2002 - present.
- Faculty Member of the Center for Operations Research & Econometrics (CORE), Université catholique de Louvain, May 2004 - present.
- Extramural Fellow of METEOR, Universiteit Maastricht, May 2003 - present.
- Associate Fellow of CEREC, Facultés Universitaires Saint-Louis, Brussels, January 2005 - present.

Education

- Ph.D. in Economics from the European Doctoral Programme in Quantitative Economics, Université catholique de Louvain, Louvain-la-Neuve, 1996.
- M.A. in Economics, Université catholique de Louvain, Louvain-la-Neuve, 1992.

Previous Positions

- Post-Doctoral Fellow of the Fonds National de la Recherche Scientifique (FNRS) at the Institut de Recherches Economiques et Sociales, Université catholique de Louvain, October 2000 - September 2002.
- Post-Doctoral Fellow, THEMA, Université de Cergy-Pontoise (France), January 2000 - September 2000.
- Senior Research Fellow, Institute of Public Economics, Universidad del País Vasco, Bilbao (Spain), October 1997 - December 1999.
- Research Assistant, Center for Operations Research and Econometrics (CORE) and Institut de Recherches Economiques et Sociales, Université catholique de Louvain, October 1993 - September 1997.
- Research Assistant, Laboratoire d'Economie Industrielle, Centre de Recherche en Economie et Statistique (France), October 1992 - September 1993.

Fields of research and expertise

- Game Theory.
- Bargaining Theory.
- Networks, Coalition Formation.
- Industrial Organization.

Publications

1. "Market Integration and Strike Activity", with A. Mauleon, forthcoming in *Journal of International Economics*.
2. "Networks of Free-Trade Agreements among Heterogeneous Countries", with A. Mauleon and H. Song, forthcoming in *Journal of Public Economic Theory*.
3. "Farsightedly Stable Networks", with J.J. Herings and A. Mauleon, *Games and Economic Behavior* 67(2), 526-541 (2009).
4. "Market Integration in Network Industries", with A. Mauleon and C. Vergari, *Economics Bulletin* 12(25), 1-7 (2008).
5. "Networks of Knowledge among Unionized Firms", with J.J. Sempere-Monerris and A. Mauleon, *Canadian Journal of Economics* 41(3), 971-997 (2008).
6. "International R&D Collaboration Networks", with H. Song, *The Manchester School* 75(6), 742-766 (2007).
7. "A Characterization of Stochastically Stable Networks", with O. Tercieux, *International Journal of Game Theory* 34, 351-369 (2006).
8. "Strategic Union Delegation and Incentives for Merger", with A. Mauleon, *Applied Economics Letters* 13(1), 1-5 (2006).
9. "A Model of Corporate Bond Pricing with Liquidity and Marketability Risk", with P. Tychon, *Journal of Credit Risk* 1(3), 3-35 (2005).
10. "Strategic Union Delegation and Strike Activity", with A. Mauleon, *Canadian Journal of Economics* 38(1), 149-173 (2005).
11. "Farsightedness and Cautiousness in Coalition Formation Games with Positive Spillovers," with A. Mauleon, *Theory and Decision* 56(3), 291-324 (2004).
12. "Rationalizability for Social Environments", with J.J. Herings and A. Mauleon, *Games and Economic Behavior* 49(1), 135-156 (2004).
13. "Bargaining with Endogenous Deadlines", with A. Mauleon, *Journal of Economic Behavior and Organization* 54(3), 321-335 (2004).

14. "Fuzzy Play, Matching Devices and Coordination Failures", with J.J. Herings and A. Mauleon, *International Journal of Game Theory* 32(4), 519-531 (2003).
15. "Efficiency Wages and Union-Firm Bargaining with Private Information", with A. Mauleon, *Spanish Economic Review* 5(4), 307-316 (2003).
16. "Market Competition and Strike Activity", with A. Mauleon, *International Journal of Industrial Organization* 21(5), 737-758 (2003).
17. "The Patent Holder's Bargaining Power and the Licensing of an Innovation", with J.J. Sempere Moneris, *Applied Economics Letters* 8(12), 765-769 (2001).
18. "The Relevance of Bargaining for the Licensing of a Cost-Reducing Innovation", with J.J. Sempere Moneris, *Bulletin of Economic Research* 53(2), 101-115 (2001).
19. "The Equivalence of the Dekel-Fudenberg Iterative Procedure and Weakly Perfect Rationalizability", with J.J. Herings, *Economic Theory* 15(3), 677-687 (2000).
20. "Profit-Sharing and Strike Activity in Cournot Oligopoly", with A. Mauleon, *Journal of Economics / Zeitschrift für Nationalökonomie* 69, 19-40 (1999).
21. "Alternating-Offer Bargaining and Common Knowledge of Rationality", *Theory and Decision* 47(2), 111-138 (1999).
22. "Rationalizability and Equilibrium in N-Person Sequential Bargaining", *Economic Theory* 14(2), 353-371 (1999).
23. "Bounded Rationality and Alternating-Offer Bargaining", with A. Mauleon, *International Game Theory Review* 1(3&4), 241-250 (1999).
24. "Refinements of Rationalizability for Normal-Form Games", with J.J. Herings, *International Journal of Game Theory* 28, 53-68 (1999).
25. "Coalitional Negotiation", with A. Mauleon, in H. de Swart (ed.), *Logic, Game Theory and Social Choice - Proceedings of the International Conference LGS '99, May 13-16, 1999*, Tilburg University Press, pp. 249-263 (1999) ISBN 90-361-9959-X

26. "Efficient Structure of Provision for Emergency Public Services", with E. Inarra and A. Mauleon, *Recherches Economiques de Louvain / Louvain Economic Review* 65(1), 47-62 (1999).
27. "Wage Bargaining with Incomplete Information in an Unionized Cournot Oligopoly", *European Journal of Political Economy* 13, 353-374 (1997).
28. "Testing Between Alternative Wage-Employment Bargaining Models Using Belgian Aggregate Data", *Labour Economics* 3, 43-64 (1996).

Papers in review

1. "Von Neumann - Morgenstern Farsightedly Stable Sets in Two-Sided Matching", with A. Mauleon and W. Vergote. Revise and resubmit *Theoretical Economics*.
2. "Contractually Stable Networks", with J.F. Caulier and A. Mauleon. Revise and resubmit *Games and Economic Behavior*.
3. "Connections among Farsighted Agents", with G. Grandjean and A. Mauleon. Revise and resubmit *Journal of Public Economic Theory*.
4. "Networks of Manufacturers and Retailers", with J.J. Sempere-Monerris and A. Mauleon. Submitted to *Journal of Economic Behavior and Organization*.
5. "Strongly Rational Sets for Normal-Form Games", with G. Grandjean and A. Mauleon. Submitted *Journal of Economic Theory*.

Working papers and work in progress

1. "A Characterization of Farsightedly Stable Networks", with G. Grandjean and A. Mauleon.
2. "Coalitional Network Games", with J.F. Caulier and A. Mauleon.
3. "Farsightedly Stable Networks with Transfers among Players", with G. Grandjean and A. Mauleon.
4. "Contractually Stable Structures of Association in Oligopolies", with A. Mauleon and J.J. Sempere-Monerris.

5. "Bargaining and Delay in Communication Networks", with A. Mauleon.
6. "R&D Networks and Strike Activity", with A. Mauleon and J.J. Sempere-Monerris.
7. "Patent Licensing and Delay to Innovate", with A. Mauleon and C. Vergari.
8. "A Dynamic Model of Matching Formation", with J.J. Herings and A. Mauleon.
9. "Farsightedly Stable Coalition Structures", with J.J. Herings and A. Mauleon.

Teaching experience

- Group Formation in Economics: Networks and Coalitions (graduate).
- Game Theory and Economics of Information (undergraduate).
- Game Theory and Economics of Uncertainty (undergraduate).
- Microeconomics (undergraduate).
- Industrial Organization (undergraduate).
- Principles of Economics (undergraduate).

Professional activities

- **Referee** for the following reviews: *American Economic Review*, *Bulletin of Economic Research*, *Canadian Journal of Economics*, *Econometrica*, *Economic Theory*, *Empirical Economics*, *European Economic Review*, *European Journal of Political Economy*, *Games and Economic Behavior*, *International Economic Review*, *International Game Theory Review*, *International Journal of Game Theory*, *International Journal of Industrial Organization*, *Japanese Economic Review*, *Journal of Economics*, *Journal of Economics and Management Strategy*, *Journal of Industrial Economics*, *Journal of Institutional and Theoretical Economics*, *Journal of Public Economic Theory*, *Journal of Social Structure*, *Labour Economics*, *Louvain Economic Review*, *Managerial and Decision Economics*, *Mathematical Social Sciences*, *Review of Economic Studies*, *Social Choice and Welfare*, *Theoretical Economics*, *Theory and Decision*.

- Reviewer for the *National Science Foundation* (USA) and *Mathematical Reviews*.
- Member : Society for the Promotion of Economic Theory, Game Theory Society, Society for Social Choice and Welfare, Society for Economic Design, European Association for Research in Industrial Economics, Canadian Economic Association, Association for Public Economic Theory.
- Director of the European Doctoral Program in Quantitative Economics at the Université catholique de Louvain, September 2004 - present.

Research grants

- Fonds National de la Recherche Scientifique (FNRS) research grant for "Coalition and Network Formation among Farsighted Agents", October 2007 - September 2009.
- Belgian National Science Foundation FRFC research grant "Coopération et concurrence dans l'économie de la connaissance", (Cooperation and competition in the knowledge economy), N° 2.4538.07, January 2007 - December 2010.
- "Análisis de Decisiones Estratégicas y de Formación de Grupos en Diversos Entornos Económicos", (Analysis of strategic decisions and of group formation in different economic situations), SEJ 2006-06309 (Spanish government), December 2006 - December 2009.
- "Economic Analysis of heterogeneity in Social Organization", ARC-UCL 05/10-331, January 2005 - December 2010.
- "Comportamiento Estratégico, Organización en Redes y Regulación de Mercados", (Strategic behavior, networks' organization and markets' regulation), BEC 2003-02084 (Spanish government), December 2003 - December 2006.
- "New Macroeconomic Approaches to the Development Problem", ARC-UCL 03/08-302, January 2003 - December 2008.
- Fonds National de la Recherche Scientifique (FNRS) research grant for "Coalition Formation, Rationality and Information", October 2001 - September 2003.

- "Formación Endógena de Coaliciones y Negociación en Economía", (endogenous coalition formation and bargaining in economics), PI 1998-48 (Basque Country government), January 1999 - December 2001.

Conferences (non-exhaustive list)

- The 20th Stony Brook Summer Institute on Game Theory: The International Conference, SUNY, Stony Brook, New York (USA), July 2009.
- DIME International Conference on the Formation and Evolution of Social and Economic Networks, Paris (France), June 2009.
- SED 2009 Conference on Economic Design, Maastricht University (The Netherlands), June 2009.
- PET 09 Public Economic Theory Conference, National University of Ireland, Galway (Ireland), June 2009.
- Third World Congress of the Game Theory Society, Northwestern University, Chicago (USA), July 2008.
- 34th Conference of the European Association for Research in Industrial Economics (EARIE), Valencia (Spain), September 2007.
- PET 07 Public Economic Theory Conference, Vanderbilt University, Nashville (USA), July 2007.
- International Conference on the Formation of Social Networks, Université Paris-Sud 11, Carré des Sciences, Paris (France), June 2007.
- International Conference on Logic, Game Theory and Social Choice, Universidad del País Vasco, Bilbao (Spain), June 2007.
- First Workshop on Economic Design and Institutions, Facultés Universitaires Saint-Louis, Brussels, December 2006.
- SED 2006 Conference on Economic Design, Bodrum (Turkey), July 2006.
- The 17th Stony Brook Summer Institute on Game Theory: The International Conference, SUNY, Stony Brook, New York (USA), July 2006.

- 11th Coalition Theory Network Workshop and Mathematical Interdisciplinary Research Days: Coalition Theory and Networks, Mathematics Institute, University of Warwick, Coventry (England), January 2006.
- 32nd Conference of the European Association for Research in Industrial Economics (EARIE), Porto (Portugal), September 2005.
- First Spain Italy Netherlands Meeting on Game Theory (SING 1), Universiteit Maastricht, Maastricht (The Netherlands), June 2005.
- PET 05 Public Economic Theory Meeting, Université de la Méditerranée, Marseille (France), June 2005.
- 10th Coalition Theory Network Workshop, EUREQua, Université Paris 1, Paris (France), January 2005.
- Workshop on Large Networks, Department of Mathematical Engineering, Université catholique de Louvain, Louvain-la-Neuve, December 2004.
- Second World Congress of the Game Theory Society, Marseille (France), July 2004.
- SED 2004 Conference on Economic Design, Universitat de les Illes Balears, Palma de Mallorca (Spain), June-July 2004.
- 9th Coalition Theory Network Workshop, Universidad Autonoma de Barcelona, Barcelona (Spain), January 2004.
- Workshop in Coalition and Network Theory, EUREQua, Université Paris 1, Paris (France), June 2003.
- 8th Coalition Theory Network Workshop, Université de la Méditerranée, Aix en Provence (France), January 2003.
- The Sixth International Meeting of the Society for Social Choice and Welfare, California Institute of Technology, Pasadena, July 2002.
- SED 2002 Conference on Economic Design, New York University, New York, July 2002.

- 28th Annual Conference of the European Association for Research in Industrial Economics, Dublin (Ireland), August 2001.
- Workshop on Economics with Heterogeneous Interacting Agents, University of Maastricht, Maastricht (The Netherlands), June 2001.
- European Workshop on General Equilibrium Theory, University of Maastricht, Maastricht (The Netherlands), May 2001.
- First World Congress of the Game Theory Society, Bilbao (Spain), July 2000.
- International Conference on Logic, Game Theory and Social Choice, Oisterwijk (The Netherlands), May 1999.
- The Fourth International Meeting of the Society for Social Choice and Welfare, University of British Columbia, Vancouver (Canada), July 1998.
- Third Spanish Meeting on Game Theory and Applications, Universitat de Barcelona, Barcelona (Spain), June 1998.
- ASSET Meeting 1997, Marseille (France), October 1997.
- The Eighth Stony Brook Summer Institute on Game Theory: The International Conference, SUNY, Stony Brook, New York, July 1997.
- The Seventh Stony Brook Summer Institute on Game Theory: The International Conference, SUNY, Stony Brook, New York, July 1996.
- International Workshop on Game Theory and Politics, University of Santiago de Compostela (Spain), July 1996.
- International Conference on Game Theory and Economics, St.Petersburg Institute for Economics and Mathematics, St.Petersburg (Russia), June 1996.
- The Third International Meeting of the Society for Social Choice and Welfare, University of Maastricht (The Netherlands), June 1996.
- The Sixth Stony Brook Summer Institute on Game Theory: The International Conference, SUNY, Stony Brook, New York, July 1995.

- Third Summer Meeting on Strategic Equilibria and Applications, University of Valencia, Valencia (Spain), July 1995.
- International Conference on Game Theory and Applications: in Honor of R.J. Aumann, The Hebrew University of Jerusalem, Jerusalem (Israel), June 1995.

Seminar presentations (non-exhaustive list)

Tilburg University, University of Louvain, Centre de Recherche en Economie et Statistique (INSEE, Paris), Free University of Brussels, Facultés Universitaires Saint-Louis, University of Aarhus, University of Antwerp, University of the Basque Country, University of Cergy Pontoise, University of Maastricht, University of Milan, University of Valencia, Wissenschaftszentrum Berlin für Sozialforschung, Tinbergen Institute (Amsterdam), Institut Henri Poincaré (Paris).

PhD supervision

- Promotor of Vander Lucas's Ph.D thesis *Economic Integration and Fiscal Harmonization*, completed in December 2003 (Université catholique de Louvain).
- Promotor of Huasheng Song's Ph.D thesis *International Research and Development Collaboration Networks and Free Trade Agreements*, completed in March 2006 (Université catholique de Louvain).
- Promotor of Antonio Tesoriere's Ph.D thesis *Endogenous Firm Asymmetry versus Symmetry in Oligopoly Models*, completed in January 2007 (Université catholique de Louvain).
- Promotor of Cecilia Vergari's Ph.D thesis *Adoption and Provision of New Technologies*, completed in January 2008 (Université catholique de Louvain).
- Promotor of Gilles Grandjean's Ph.D thesis *Essays on Coalitional Rationality in Non-Cooperative Game Theory*, in progress (Université catholique de Louvain).
- Promotor of Marco Marinucci's Ph.D thesis *Essays in Industrial Organization*, in progress (Université catholique de Louvain).

- Promotor of Paolo Bussi's Ph.D thesis *Essays on Social and Economic Networks*, in progress (Université catholique de Louvain and Facultés Universitaires Saint-Louis).
- Member Ph.D committee : A. Cunat (*Negociacion Estrategica y Compromisos Unilaterales*, Universidad de Valencia, September 2001), D. Paolini (*Essays on Delegation and Temporary Employment*, Université catholique de Louvain, December 2001), C. Chang (*Essays in the Economics of Innovation: an Application to the Case of Taiwan*, Université catholique de Louvain, June 2004), A. Mantonvani (*Innovative Activity in Monopoly and Oligopoly Models*, Université catholique de Louvain, May 2005), A. Minniti (*Essays on market structure, location and growth*, Université catholique de Louvain, August 2007), G. De Feo (*Essays on market imperfections and public intervention*, Université catholique de Louvain, January 2008).

Conference organization

- Second Workshop on Game Theory: *Coalition Formation and Applications to Economics*, Institute of Public Economics, Universidad del País Vasco, Bilbao (Spain), April 23-24, 1999.
- First Workshop on Economic Design and Institutions, Facultés Universitaires Saint-Louis, Brussels, December 15, 2006.
- XII Coalition Theory Network Workshop: *Network and Coalition Formation among Heterogeneous Agents: Theory, Applications and Experiments*, CORE, Université catholique de Louvain, Louvain-la-Neuve, January 18-20, 2007.
- Eleventh conference on Theoretical Aspects of Rationality and Knowledge TARK XI, Facultés Universitaires Saint-Louis, Brussels, June 25-27, 2007.
- Second Workshop on Economic Design and Institutions, Facultés Universitaires Saint-Louis, Brussels, December 7, 2007.
- Third Workshop on Economic Design and Institutions, Facultés Universitaires Saint-Louis, Brussels, December 5, 2008.

- Colloquium “Collective Choice and Economic Design” in Honour of Professor Frans Spinnewyn (Fourth Workshop on Economic Design and Institutions), Katholieke Universiteit Leuven, Leuven, November 9-10, 2009.
- First Valencia-Louvain Workshop on Game Theory and Economic Behavior, Department of Economic Analysis, University of Valencia, Valencia, December 1, 2009.
- Member of the program committee : SED 2006 Conference on Economic Design, Bodrum (Turkey), July 2006; PET 07 Public Economic Theory Conference, Vanderbilt University, Nashville (USA), July 2007; PET 09 Public Economic Theory Conference, National University of Ireland, Galway (Ireland), June 2009. PET 10 Public Economic Theory Conference, Bogaziçi University, Istanbul (Turkey), June 2010.

Languages

- French, English, Dutch, Spanish.