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Born: 1978, France.

Citizenship: U.S./French.

POSITIONS

June 2010-present: Associate professor. Institute of Applied Economics, HEC Montréal

2005- May 2010: Assistant professor. Institute of Applied Economics, HEC Montréal

EDUCATION

2010: Laureate of the Nationwide French competition for tenured professorship in Economics: "Premier concours national d'agrégation des universités en sciences économiques".

2005: Ph.D. in Economics, Rice University.

RESEARCH INTERESTS

Cost Sharing, Externalities, Climate Change, Chaos Theory.

REFEREED PUBLICATIONS

- 1) E. Billette de Villemeur and J. Leroux, "Sharing the costs of global warming", *Scandinavian Journal of Economics*, **113 (4)**, 758-783, 2011. Special Issue on Climate Change and Distribution.
- 2) E. Gugl and J. Leroux, "Share the gain, share the pain? Almost transferable utility, changes in production possibilities and bargaining solutions", *Math. Soc. Sciences*, **62 (3)** 133-143, 2011.
- 3) J. Laurent-Lucchetti and J. Leroux, "Choosing and Sharing", *Games and Economic Behavior*, **73(1)**, 296-300, 2011.
- 4) "Health, Mental Health, and Labor Productivity: The Role of Self-Reporting Bias", with J. Rizzo and R. Sickles, forthcoming in *Empirical Economics*.
- 5) D. Guégan and J. Leroux (2011) "Predicting Chaos with Lyapunov Exponents: Zero Plays no Role in Forecasting Chaotic Systems" *Chaotic Systems*, E. Tlelo-Cuautle Ed.
- 6) "Lindahl prices solve the NIMBY problem" with J. Laurent-Lucchetti, *Economics Bulletin*, **30 (3)**, 2010.
- 7) "Updating claims in bankruptcy problems", with J. Albizuri and J.M. Zarzuelo, *Mathematical Social Sciences*, **60**, 144-148, 2010.

- 8) “ELIE-minating poverty? Limits of the mechanism and potential improvements,” with Alain Leroux, in *Macrojustice. A Pluridisciplinary Appraisal of Kolm's Theory*, Gamel C. and Lubrano M. (eds), Springer-Verlag, Berlin, 2010.
- 9) “L'allocation personnelle : Une nouvelle approche de l'assistance, entre solidarité et entraide,” with Alain Leroux, *La pauvreté dans les pays riches*, A. Leroux et P. Livet (eds), Economica, 2009, 363-378.
- 10) “Forecasting Chaotic Time Series: The Role of Local Lyapunov Exponents,” with Dominique Guégan, *Chaos, Solitons and Fractals* **41**, 2001-2004, 2009.
- 11) “Local Lyapunov Exponents: A New Way to Predict Chaotic Systems,” with Dominique Guégan, *Topics on Chaotic Systems: Selected papers from CHAOS 2008 International Conference*, Skiadas, Dimotikalis and Skiadas Eds., World Scientific Publishing, 2009.
- 12) “Profit sharing in unique Nash equilibrium: characterization in the two-agent case”, *Games and Economic Behavior* **62**, 558-572, 2008.
- 13) “Cooperative production with diminishing marginal returns: Interpreting fixed-path methods”, *Social Choice and Welfare* **29**, 35-53, 2007
- 14) “Cent ans d'économie: Une longue histoire et un bel avenir,” with Ruth Dupré, *Gestion* **32** 2007
- 15) “Strategy-proofness and efficiency are incompatible in production economies,” *Economics Letters* **85**, 335-340, 2004
- 16) “Fair division with no information,” with Alain Leroux, *Economic Theory* **24**, 351-371, 2004

POLICY REPORTS

- « Vers une meilleure tarification du réseau routier québécois », dans *Le Québec économique 2010*, M. Joanis et L. Godbout Eds., CIRANO, Presses de l'Université Laval
- « Réflexion sur la tarification du réseau routier québécois », with M. Arsenault and J. Laurent-Lucchetti, CIRANO, 2010RP-02

BOOK REVIEWS

- “Une entreprise peut-elle être « sociale » dans une économie de marché?” by Sophie Swaton, forthcoming in *La revue de philosophie économique*.

WORKING PAPERS

- “Looking Ahead versus Looking Back. Revisiting the Carbon Tax”, with E. Billette de Villemeur, in progress.
- Leroux, J. and W. Marrouch, “Bargaining with Linked disagreement points”, submitted.
- “Splitting an Uncertain (Natural) Capital”, avec J. Laurent-Lucchetti et B. Sinclair-Desgagné, submitted.

- “A discussion of the consistency axiom in cost-sharing problems”

GRANTS

- SSHRC Research Grant – Canadian Environmental Issues, 2009-2012, “Fair, efficient and sustainable environmental policies: Canadian resources and pollution management”(project fully funded)
- Agence Nationale de la Recherche (ANR) Grant for Young Researchers, 2008-2011, “Fair environmental policies”. Main applicant: Stefan Ambec. (project fully funded)
- FQRSC Grant for Young Researchers: “Sharing profits and costs”, 2006-2009 (maximum funding awarded)

VISITING POSITIONS

- University of Texas at Austin, Economics Department, 2011-2012.
- Université Paris-I Panthéon Sorbonne, June 2010.

FELLOWSHIPS AND AWARDS

- John W. Gardner award for best dissertation written in the Social Sciences, May 2005.
- Teaching fellowship, Rice University, Fall 2004.
- Graduate fellowship and tuition fellowship, Rice University, 2000-2004.

Ph.D. STUDENTS

Jérémy LAURENT-LUCCHETTI, June 2009, U. of Bern, Oeschger Center for Climate Change Research

Walid MARROUCH, June 2009, Lebanese American University – School of Business

REFEREEING

Annales d'Économie et de Statistique (1), Chaos: An Interdisciplinary Journal of Nonlinear Science (1), Economics Bulletin (2), European Journal of Operational Research (1), Economic Theory (1), Empirical Economics (1), Energy Studies Review (1), Environmental Modeling & Assessment (1), Environmental and Resource Economics (1), International Journal of Game Theory (3), IET – Intelligent Transport Systems (1), Journal of Economic Theory (1), Journal of Systems Science and Systems Engineering (1), Mathematical Social Sciences (3), NSF grant program (1), Physics Letters A (2), Revue d'Économie Politique (1), Revue Internationale de Cas en Gestion (1), SIAM Review (1), Social Choice and Welfare (4), Theoretical Economics (1).

CONFERENCE AND SEMINAR PRESENTATIONS

- 12th Global Conference on Environmental Taxation, Madrid, October 2011
- Rice University Alumni Lecture Series, October 2011
- Rice University, Economics Department, October 2011
- University of Texas, August 2011
- University of Bern and Oeschger Center for Climate Change Research, January 2011
- 4th World Congress of Environmental and Resource Economics, Montreal, June 2010
- Société canadienne de sciences économiques, Canada, May 2010
- University of Paris-I, Panthéon-Sorbonne, Dec. 2009.
- Journées du CIRPÉE, Canada, Oct. 2009
- Far Eastern and South Asia Meeting of the Econometric Society, Tokyo, Japan, Aug. 2009
- 7th Toulouse Conference on Environmental and Resource Economics, June 2009. Invited speaker.
- Ottawa University, Dec. 2008
- Journées du CIRPÉE, Canada, Oct. 2008
- Université du Québec à Montréal, Sept. 2008
- CHAOS 2008, Chania, Greece, June 2008
- Toulouse School of Economics, May 2008
- Journées du CIRPÉE, Canada, Oct. 2007
- University of Bilbao, Feb. 2007
- Université de Saint-Étienne, Feb. 2007
- University of Amsterdam, Feb. 2007
- Concordia University, Nov. 2006
- 8th International Meeting of the Society for Social Choice and Welfare, Istanbul, July 2006.
- University of Windsor, April 2006
- HEC Montréal, Feb. 2005
- McGill University, Feb. 2005
- Université Laval, Feb. 2005
- Simon Fraser University, Jan. 2005
- University of Kentucky, Jan. 2005
- 7th International Meeting of the Society for Social Choice and Welfare, Japan, July 2004.
- Second World Congress of the Game Theory Society, Marseille, France, July 2004.
- Society for Economic Design, Palma de Mallorca, Spain, June 2004.
- Midwest Economic Theory Group, Indianapolis, USA, April 2004.
- Southwest Economic Association Meeting, Corpus Christi, USA, March 2004.
- Choice, Information and Decision Workshop, Univ. Paris-I Panthéon-Sorbonne, Dec. 2003.

CONFERENCE ORGANIZATION

- Montreal Workshop on Natural Resources and the Environment, 2010-present, co-organizer.
- 7th Meeting of the Society for Economic Design, June 2011, Montreal, QC, Canada; Scientific Committee member.
- 50th anniversary of the Société canadienne de science économique, May 2010, Lac Beauport, QC, Canada; Scientific Committee member.
- “Après Kyoto/After Kyoto,” organized jointly with B. Sinclair-Desgagné, April 2009, at CIRANO, Montréal, Canada.