

Curriculum Vitae

Henry Thille

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Associate Professor
Department of Economics & Finance
University of Guelph
Guelph, Ontario, Canada
N1G 2W1
Telephone: 519 824 4120 ext. 52733
E-mail: hthille@uoguelph.ca

Degrees held:

B.Comm. Honours. University of Saskatchewan, 1988
M.A. University of British Columbia, 1990
Ph.D. University of British Columbia, 1996

Academic Employment History:

July, 2003 – present, Associate Professor, Department of Economics, University of Guelph.
Sept., 2011 – June, 2012, Visiting Professor, Department of Economics, Carleton University.
Sept. 2008 – Dec. 2008, Visiting Fellow, Food, Farms and Firms (Agriculture, Agroalimentaire & Alimentation) group, Toulouse School of Economics.
Aug., 2004 – May, 2005, Visiting Fellow, Department of Economics, University of Warwick.
July, 2001 – June, 2003 Assistant Professor, Department of Economics, University of Guelph.
July, 2000 – Dec., 2000 Honorary Fellow, Department of Economics, University of Melbourne.
Aug., 1995 – June, 2001 Assistant Professor, Department of Economics, University of Winnipeg.
Aug., 1994 – Aug., 1995 Visiting Assistant Lecturer, Department of Economics, University of Guelph.

Publications:

Gregory Galay and Henry Thille. “Pipeline Capacity and the Dynamics of Alberta Crude Oil Price Spreads.” *Canadian Journal of Economics*. August, 2021. 54(3).
Talat Genc, Henry Thille, and Khaled ElMawazini. “Dynamic Competition in Electricity Markets under Uncertainty.” *Energy Economics*. 90: 104837.
Sébastien Mitraille and Henry Thille, “Strategic advance sales, demand uncertainty and overcommitment,” *Economic Theory*. 2019. 69(3): 789–828. <https://doi.org/10.1007/s00199-019-01184-w>
Sébastien Mitraille and Henry Thille, “Speculative Constraints on Oligopoly,” in Frank Thuijsman and Florian Wagener, eds. *Advances in Dynamic and Evolutionary Games*. Annals of the International Society of Dynamic Games. 14. 2016.
John Livernois and Henry Thille, “Empirical Evidence on the Theory of Nonrenewable Resource Economics” in Robert Halvorsen and David Layton, eds. *Handbook on the Economics of Natural Resources*. Edward Elgar. 2015. pp. 41–65.
Sébastien Mitraille and Henry Thille, “Speculative Storage in Imperfectly Competitive Markets,” *International Journal of Industrial Organization*, 35. 2014. pp. 44–59.
Henry Thille, Monica Cojocaru, Edward W. Thommes, Dominic Nelson, and Scott Greenhalgh. “A Dynamic Pricing Game in a Model of New Product Adoption with Social Influence.” *2013 International Conference on Social Computing (SocialCom)*. 2013. pp. 762–67.
Cojocaru, M.-G., H. Thille, E. Thommes, D. Nelson, and S. Greenhalgh, “Social Influence and Dynamic Demand for New Products,” *Environmental Modelling and Software*. 50. 2013. pp. 169–85.

- Genc, Talat and Henry Thille, "Investment in Electricity Markets with Asymmetric Technologies," *Energy Economics*, 33. 2011. pp. 378–87.
- Thille, Henry. "Measuring the Performance of Canadian Markets." Chapter 4 in Zhiqi Chen and Marc Duhamel. Eds. *Industrial Organization in Canada: Empirical Evidence and Policy Challenges*. McGill-Queen's University Press. 2010. pp. 108-39.
- Thommes, E., Thille, H, Cojocaru, M.-G., Nelson, D., "A time-dependent ABM model of an eco-product market with social interactions and dynamic pricing schemes," *IEEE proceedings of TIC-STH*. 2009. pp. 218–21.
- Sébastien Mitraïlle and Henry Thille. "Monopoly Behaviour with Speculative Storage," *Journal of Economic Dynamics and Control*, 33. 2009. pp. 1451-1468.
- Cojocaru, M.-G., Hawkins, S., Thille, H., Thommes, E., "Double layer and hybrid dynamics of equilibrium problems - applications to markets of environmental products" in: *Nonlinear Analysis and Variational Problems*, Springer-Verlag (P. Pardalos, T. M. Rassias, A. Khan Eds), Ch. 16, 2009. pp. 213–34.
- Margaret E. Slade and Henry Thille. "Whither Hotelling: Tests of the Theory of Exhaustible Resources," *Annual Review of Resource Economics*, 1(1), 2009. pp. 239–260.
- Emery, J.C., Kris Inwood, and Henry Thille "Heckscher-Ohlin in Canada: New Estimates of Regional Wages and Land Prices." *Australian Economic History Review*, 41(1). March 2007. pp. 22–48
- Thille, Henry. "Inventories, Market Structure, and Price Volatility." *Journal of Economic Dynamics and Control*, 30(7). July 2006. pp. 1081–1104.
- Margaret E. Slade and Henry Thille. "Commodity Spot Prices: An Exploratory Assessment of Market-Structure and Forward-Trading Effects." *Economica*, 73. February, 2006. pp. 229–56.
- John Livernois, Henry Thille and Xianqian Zhang. "A Test of the Hotelling Rule Using Old-Growth Timber Data." *Canadian Journal of Economics*, 39(1). February, 2006. pp. 163–186.
- Thille, Henry. "Forward Trading and Storage in a Cournot Duopoly." *Journal of Economic Dynamics and Control*, 27(4). February, 2003. pp. 651–665.
- Michael Benarroch and Henry Thille "Transboundary Pollution and the Gains from Trade." *Journal of International Economics*. 55(1). October, 2001. pp. 139–159.
- Hugh Grant and Henry Thille. "Tariffs, Strategy and Structure: Competition and Collusion in the Ontario Petroleum Industry, 1870–1880." *Journal of Economic History*, 61(2). June, 2001. pp. 390–413.
- Margaret E. Slade and Henry Thille. "Forward Trading and Adjustment Costs in Cournot Markets." *Cahiers d'Economie Politique*. No. 37. 2000. pp. 177–195.
- Margaret E. Slade and Henry Thille. "Hotelling Confronts CAPM: A test of the theory of exhaustible resources." *Canadian Journal of Economics*, 30(3). August, 1997. pp. 685–708.
- Hugh Grant and Henry Thille. "Paper Boom, Asset Bubble or Staple Bust?" Book Review. *Studies in Political Economy*. 62. Summer, 2000. pp. 151–59.
- W.T Stanbury, Henry Thille, and Ilan Vertinsky. "The Use of Cost-Benefit Analysis to Allocate Forest Lands Among Alternative Uses." In *British Columbia Forest Resources Commission: Background Papers*, Volume 2. 1991.

Graduate Thesis:

Commodity Futures Markets with Imperfectly Competitive Producers. Ph.D. Dissertation. University of British Columbia. 1996.

Research Grants Received:

2010, SSHRC Standard Research Grant (co-investigator). "Dynamic competition in electricity markets."

Ontario Centers of Excellence (Center for Earth and Environmental Sciences) & The City of Guelph grant, 2008

2005, SSHRC Standard Research Grant. “The implications of storage for imperfectly competitive markets.”

2002, SSHRC Standard Research Grant. “Storage and price volatility in imperfectly competitive markets.”

Conference Participation:

- “The dynamics of Canada-U.S. crude oil prices: can we identify the effects of binding pipeline capacity?” 52nd Annual Conference of the Canadian Economics Association. Montreal, June, 2018.
- “Speculative Constraints on Oligopoly.” Invited talk. 7th International Conference on Discrete Models of Complex Systems. 2015 Summer Solstice, Fields Institute, Toronto. June, 2015.
- “Oligopoly and Speculation.” 49th Annual Conference of the Canadian Economics Association. Toronto, June, 2015.
- “Speculative Constraints on Oligopoly.” 16th International Symposium on Dynamic Games and Applications, University of Amsterdam, July 9–12, 2014.
- “Commodity Loans, Convenience Yield, and the Returns to Storage.” SIRE Conference on “Finance and Commodities”, St. Andrews, Scotland, July 13–14, 2013.
- “New product adoption with dynamic consumer preferences and endogenous pricing”
- 9th International Conference on Computational Management Science, London, UK, April 2012.
 - Dynamic Games in Management Science, GERAD, Montreal, Nov. 2011.
- “Imperfect Competition with Competitive Speculation.” EARIE annual meeting, Istanbul, September 2–4, 2010.
- “Dynamic Competition in Electricity Markets: Hydropower and Thermal Generation.”
- International Water Resource Economics Consortium conference. Banff Centre, June 26–27, 2011.
 - Canadian Resource and Environmental Economics Study Group, University of Alberta, October 2–4, 2009.
 - CORS/INFORMS International Toronto Conference, June 2009.
 - European Association for Research in Industrial Economics, Toulouse, France, Sept. 2008.
 - The Economics of Energy Markets conference. Toulouse, France, June 2008.
 - Canadian Economics Association annual meeting. Vancouver, May 2008.
 - Dynamic Games in Management Science. GERAD, Montreal, May 3, 2008.
- “The Impact of Speculation on Oligopolistic Behaviour.” Canadian Economics Association conference, Toronto, May, 2009.
- “Storage and Market Power: The Influence of Speculation on Monopoly.”
- 62nd European Meeting of the Econometric Society, Budapest, August 27–31, 2007.
 - International Industrial Organization Conference, Savannah, May, 2007.
 - Workshop on Game Theory in Energy, Resources and Environment. GERAD, Montreal, October 25–26, 2007.
- “Monopoly and Competitive Storage.” Canadian Economics Association Meetings, May 25–28, 2006.
- “Inventories and Price Volatility in a Cournot Duopoly.” European Association for Research in Industrial Economics annual conference, Helsinki, August 24–26, 2003.
- “Inventories and Price Volatility in a Cournot Duopoly.” Canadian Economics Association Meetings, June, 2003.
- “The Hotelling Rule: An Empirical Test using Old Growth Timber Data.” 12th Annual Conference of the Canadian Resource and Environmental Economics Study Group, Montreal, October 19–20, 2002.
- “Inventories and Price Volatility in a Dynamic Cournot Duopoly.” Fifth Spanish Meeting on Game Theory, July 1–3, 2002.
- “The Merger Movement in Canadian Petroleum Refining, 1886–1898.” Canadian Economics Association Meetings, June, 2000, University of British Columbia.

- “Forward Trading and Adjustment Costs in Cournot Markets,” with Margaret Slade. “Qu’a-t-on appris sur la concurrence imparfaite depuis Cournot? (What have we learnt about imperfect competition since Cournot?)” at the Université Louis Pasteur, Strasbourg, France, October 15-16, 1999.
- “Future-Spot Price Spreads as Returns on Commodity Loans.” Canadian Economic Association Meetings, May 28–30, 1999, Toronto, Ontario.
- “International Trade With Cross-Border Pollution Externalities.” World Congress of Environmental and Resource Economists, Venice, Italy, June 25–27, 1998.
- “International Trade With Cross-Border Pollution Externalities.” Midwest International Economics conference held at Indiana University, October 24–26, 1997.
- “The Strategic Use of Storage in an Extractive Industry.” Canadian Resource and Environmental Economics Study Group held at Simon Fraser University. October, 1995.
- “Imperfect Competition and Commodity Futures Markets.” Canadian Economics Association annual meetings held in Calgary, Alberta. June, 1994.
- “Hotelling Confronts CAPM: A Test of the Theory of Exhaustible Resources.” Canadian Resource and Environmental Economics Study Group in Ottawa, October, 1993.

Papers given at departmental workshops and seminars:

- University of Toronto, Oct. 2009
- Centre d’Economie de la Sorbonne, Dec. 2008
- Toulouse School of Economics, Sept. 2008
- University of Winnipeg, Feb. 2007
- Brock University, Oct. 2005
- University of Cyprus, Feb. 2005
- University of Warwick, Nov. 2004
- University of Bristol, Oct. 2004
- University of Waterloo, Oct. 2002
- University of Guelph, Sept. 2001
- University of New South Wales, Nov. 2000
- University of Melbourne, Oct. 2000
- Monash University, Oct. 2000
- University of British Columbia, Jan. 2000
- University of Guelph, Oct. 1999
- University of Manitoba, Jan. 1998
- University of Calgary, Oct. 1997
- University of Essex, July 1997
- University of Waterloo, Feb. 1995

Courses Taught:

- Industrial Organization: undergraduate and graduate
- Natural Resource Economics: graduate
- Microeconomics: intermediate and advanced
- Mathematical Economics
- Economic Statistics
- Introductory Econometrics
- Finance: introductory, corporate, and derivatives.

Journal Referee:

- American Journal of Agricultural Economics*
- Automatica*
- Canadian Journal of Agricultural Economics*

Canadian Journal of Economics
Canadian Public Policy
Economics Letters
Empirical Economics
Energy Economics
Energy Journal
Energy Policy
Environmental and Resource Economics
Environmental Modeling and Assessment
European Journal of Operational Research
International Journal of Industrial Organization
Journal of Agricultural and Resource Economics
Journal of Economic Dynamics and Control
Journal of Environmental Economics and Management
Journal of Forest Economics
Journal of Optimization Theory and Applications
Journal of Political Economy
Land Economics
Macroeconomic Dynamics
RAND Journal of Economics
Resource and Energy Economics
Review of Industrial Organization

Other activities:

Co-organizer of the annual meeting of the Canadian Resource and Environmental Economics study group. Guelph, ON, Canada. Oct. 1–3, 2010.

SSHRC Economics Adjudication Committee member, 2004 and 2005.