

Universidade Federal de Santa Catarina
Programa de Pós Graduação em Economia

Gilson Geraldino Silva Jr
gilson.geraldino@ufsc.br

<https://cnm.ufsc.br/professores/gilson-geraldino/>

Programa de disciplina optativa para o semestre 2021-1

COMÉRCIO INTERNACIONAL E TECNOLOGIA

Código: 5125, carga horária: 60h, créditos: 04

Dia, Horário, Local: sextas-feiras, 14h-18h, pelo Skype

Ementa: 1) Comércio Internacional, Mercado de trabalho, Produtividade, Regulação e Defesa da Concorrência; 2) A interrelação entre estes temas; 3) Os Efeitos da mudança tecnológica e das inovações sobre estes aspectos da economia moderna; 4) Bases de dados (privadas e públicas); 5) Métodos econométricos pertinentes.

Objetivo: O objetivo principal da disciplina é apresentar e discutir as questões atuais referentes a Comércio Internacional e elementos correlatos que ao mesmo tempo sofrem impactos e determinantes: Mercado de trabalho, Produtividade, Regulação e Defesa da Concorrência; a interrelação entre estes temas; e os Efeitos da mudança tecnológica sobre estes aspectos da economia moderna. Adicionalmente serão apresentadas Bases de dados (privadas e públicas) com informações sobre estes tópicos. O curso também vai apresentar e discutir os métodos econométricos pertinentes para obter evidência empírica sobre estes temas em si e a conexão entre eles.

Método: aulas expositivas apresentadas pelo professor e seminários elaborados pelos alunos.

Avaliação: i) participação nos encontros síncronos (20%) ii) apresentações de seminários sobre referências indicadas e sobre o trabalho final (40%), iii) um artigo sobre um dos temas abordados no curso (40%).

REFERÊNCIAS

Observação: o tema é bastante debatido e atual, e há vasta literatura sobre a questão. Fontes adicionais poderão ser indicadas ao longo do curso.

Aghion, P. et alli. Innovation and Top Income Inequality. NBER Working Paper No. 21247. June 2015 <http://www.nber.org/papers/w21247.pdf>

Armstrong, M; Sappington, D.E.M. Recent Developments in the Theory of Regulation. In: Armstrong, M; Porter, R. (Editors) Handbook of Industrial Organization, Volume 3, Pages 1557-1700. North Holland, 2007

Arora, A; Gambardella, A. The market for technology. In: Hall, BH; Rosenberg, N. Handbook of the Economics of Innovation. North Holland, 2010, p. 641-678

Arrow, K.J. Economic Welfare and the Allocation of Resources for Invention. The RAND corporation. Economics Division. P1856RC. Dec,1959.

Baumol, W.J Horizontal Collusion and Innovation. The Economic Journal, Vol. 102, No. 410. (Jan., 1992), pp. 129-137.

Boone, J. Competitive Pressure: The Effects on Investments in Product and Process Innovation. The RAND Journal of Economics, Vol. 31, No. 3. (Autumn, 2000), pp. 549-569.

BRESNAHAN, T. General purpose technology. In: HALL, B.H.; ROSENBERG, N. Handbook Economics of Innovation. North-Holland, 2010. p. 761-791

Cahuc, P; Zylberberg, A. Labor Economics. MIT press,2004.

COHEN, W. M. Fifty years of empirical studies of innovation activity and performance. In: HALL, B.H.; ROSENBERG, N. Handbook Economics of Innovation. North-Holland, 2010. p.129-213

de NEGRI, J.A.; SALERNO, M.S. (Org.) Inovações, padrões tecnológicos e desempenho das firmas industriais brasileiras. Brasília: IPEA, 2005.

http://www.ipea.gov.br/portal/images/stories/PDFs/livros/Inovacao_Padros_tecnologicos_e_desempe_nho.pdf

de NEGRI, J.A.; KUBOTA, L.C. (Editores). Políticas de Incentivo à Inovação Tecnológica no Brasil. Ipea,2008

http://www.ipea.gov.br/portal/index.php?option=com_content&view=article&id=5569

de NEGRI, F.; Cavalcante, L. R. (Org.) . Produtividade no Brasil: Desempenho e Determinantes. IPEA, 2014. Volume 1 - desempenho.

http://www.ipea.gov.br/portal/images/stories/PDFs/livros/livros/livro_produtividade_no_brasil.pdf

de NEGRI, F.; Cavalcante, L. R. (Org.) . Produtividade no Brasil: Desempenho e Determinantes. IPEA, 2015. Volume 2 - determinantes.

http://www.ipea.gov.br/portal/images/stories/PDFs/livros/livros/150831_livro_produtividade_v2.pdf

de Negri,F.; Squeff,F. (Org.). Sistemas setoriais de inovação e infraestrutura de pesquisa no Brasil. 1ed. Brasília: Ipea--Finep--Cnpq, 2016

http://ipea.gov.br/portal/index.php?option=com_content&view=article&id=27203&Itemid=406

EZELL, S.J; NAGER, A.B; ATKINSON, R.D. Contributors and Detractors: Ranking Countries' Impact on Global Innovation. Information Technology and Innovation Foundation, 2016.

DORASZELSKI, U. "An R&D Race with Knowledge Accumulation," *Rand Journal of Economics*, Vol. 34, No. 1, 2003, pp. 19-41

DORASZELSKI, U. "R&D and Productivity: Estimating Endogenous Productivity," with Jordi Jaumandreu, *Review of Economic Studies*, Vol. 80, No. 4, 2013, pp. 1338-1383

Goettler, R.L; Gordon, B.R. Does AMD Spur Intel to Innovate More? *Journal of Political Economy*, Vol. 119, No. 6 (December 2011), pp. 1141-1200

GREENSTEIN, S. Innovative conduct in computing and internet markets. In: HALL, B.H.; ROSENBERG, N. *Handbook Economics of Innovation*. North-Holland, 2010. p.478-537

Grossman, G.M.; Helpman, E. Technology and trade. In: Grossman, G.M.; Rogoff, K. (Editors). *Handbook of International Economics*, Volume 3, p. 1279-1337. North-Holland, 1995.

Grossman, G.M.; Shapiro, C. Dynamic R&D Competition. *The Economic Journal*, Vol. 97, No. 386. (Jun., 1987), pp. 372-387.

Hall, B.H; Rosenberg, N. (Editors) *Handbook of the Economics of Innovation*. Volumes 1,2. North Holland, 2010.

Hall, BH; Lerner, J. The financing of R&D and innovation. In: Hall, BH; Rosenberg, N. *Handbook of the Economics of Innovation*. North Holland, 2010, p. 609-639

Hunt, R.M. Patentability, Industry Structure, and Innovation. *The Journal of Industrial Economics*, Vol. 52, No. 3 (Sep., 2004), pp. 401-425

Hunt, R.M. When Do More Patents Reduce R&D? *The American Economic Review*, Vol. 96, No. 2 (May, 2006), pp. 87-91

Kamien, M.I; Schwartz, N.L. On the Degree of Rivalry for Maximum Innovative Activity. *The Quarterly Journal of Economics*, Vol. 90, No. 2. (May, 1976), pp. 245-260.

Laffont, J.J. and J. Tirole. (1990). "The Regulation of Multiproduct Firms, I: Theory; II: Applications to Competitive Environments and Policy Analysis," *Journal of Public Economics*, 43:1-36; 37-66.

Laffont, J.J., P. Rey and J. Tirole. (1998). "Network Competition: I. Overview and Nondiscriminatory Pricing; II. Price Discrimination," *RAND Journal of Economics*, 29(1): 1-37; 38-56.

Lamoreaux, NR; Sokoloff, KL. *Financing innovation in the United States: 1870 to the present*. MIT press, 2009

Loury, G.C. Market Structure and Innovation. *The Quarterly Journal of Economics*, Vol. 93, No. 3. (Aug., 1979), pp. 395-410.

Mansfield, E. et alli. Social and Private Rates of Return from Industrial Innovations. *The Quarterly Journal of Economics*, Vol. 91, No. 2. (May, 1977), pp. 221-240.

MAIRESSE, J; MOHNEN, P. Using innovation surveys for econometric analysis. In: HALL, B.H.; ROSENBERG, N. *Handbook Economics of Innovation*. North-Holland, 2010. p.1129-1155

MANYIKA, J; LUND, S; BUGHIN, J; WOETZEL, J; STAMENOV, K; DHINGRA, D. *Digital globalization: The new era of global flows*. McKinsey Global Institute, February 2016

O'Sullivan, M. Finance and Innovation. In: Fagerberg, J; Mowery, DC; Nelson, RR. *The Oxford Handbook of Innovation*. Oxford University Press, 2005, p. 240-265

Sah, R.K.; Stiglitz, J.E. The Invariance of Market Innovation to the Number of Firms. *The RAND Journal of Economics*, Vol. 18, No. 1. (Spring, 1987), pp. 98-108.

Scherer, M.F. Professor Sutton's "Technology and Market Structure". *Journal of Industrial Economics*. XLVIII, June 2000.

Schmalensee, R. Sunk Costs and Market Structure. A Review Article. The Journal of Industrial Economics, Vol. 40, No. 2. (Jun., 1992), pp. 125-134.

Scotchmer, S. Innovation and incentives. MIT press, 2006.

Sutton, J. "Capabilities, Wealth and Trade" (with Daniel Trefler), Journal of Political Economy, forthcoming, June 2016

Sutton, J. "Market Share Dynamics and the Persistence of Leadership Debate", American Economic Review, 2007.

Sutton, J. "Quality Trade and the Moving Windows: The Globalization Process", Economic Journal, 2007.

Sutton, J. Market Structure: Theory and Evidence. In the Theory of Regulation. In: Armstrong, M; Porter, R. (Editors) Handbook of Industrial Organization, Volume 3, Pages 2301-2368. North Holland, 2007

Sutton, J. Sunk Costs and Market Structure, MIT Press, 1991.

Sutton, J. Technology and Market Structure, MIT Press, 1998

Tirole, J. Market Failures and Public Policy. Prize Lecture, 2014.

https://www.nobelprize.org/nobel_prizes/economic-sciences/laureates/2014/tirole-lecture.pdf

Whinston, M.D. Antitrust Policy toward Horizontal Mergers. In: Armstrong, M; Porter, R. (Editors) Handbook of Industrial Organization, Volume 3, Pages 2369-2440. North Holland, 2007

Whinston, M.D. Exclusivity and Tying in U.S. v. Microsoft: What We Know, and Don't Know. The Journal of Economic Perspectives, Vol. 15, No. 2 (Spring, 2001), pp. 63-80

Whinston, M.D.; Segal, I. Antitrust in Innovative Industries. AER, V97, N5, December, 2007