

Disciplina:

ADM2467 - Tópicos Especiais em Estratégia (Innovation Management)

Ementa:

Central concepts and types of innovation. Innovation process and technological catch-up: differences between developed and emerging countries. Open innovation. Factors influencing innovation, dynamic capabilities and absorptive capacity. The role of markets and clients. Organizational innovation and business model innovation. The role of innovation in sustainability and economic development.

Bibliografia:

AHLSTROM, D. Innovation and growth: How business contributes to society. *The Academy of Management Perspectives*, v.24, n.3, p.11-24, 2010. AMIT, R., ZOTT, C. Creating value through business model innovation. *MIT Sloan Management Review*, v.53, n.3, p.41-49, 2012. AUSTIN, J. Managing in developing countries: strategic analysis and operating techniques. Simon and Schuster, 2002. BELLOC, F. Innovation in state-owned enterprises: reconsidering the conventional wisdom. *Journal of Economic Issues*, v. 48, n. 3, p. 821-848, 2014. BELL, M.; FIGUEIREDO, P. Building Innovative Capabilities in Latecomer Emerging Market Firms: Some Key Issues. In: AMANN, E.; CANTWELL, J. *Innovative Firms in Emerging Market Countries*. Oxford University Press, 2012, p. 24–109. BOGERS, M., AFUAH, A., & BASTIAN, B. Users as innovators: A review, critique, and future research directions. *Journal of Management*, v.36, n.4, p.857-875, 2010. CAMISÓN, C., VILLAR-LÓPEZ, A. Organizational innovation as an enabler of technological innovation capabilities and firm performance. *Journal of Business Research*, v.67, n.1, p.2891-2902, 2014. CASSIMAN, B., VEUGELERS, R. R&D cooperation and spillovers: some empirical evidence from Belgium. *American Economic Review*, v.92, n.4, p.1169-1184, 2002. CHESBROUGH, H. H. W. Open innovation: The new imperative for creating and profiting from technology. Harvard Business Press, 2006. CHIDAMBER, S. R., KON, H. B. A research retrospective of innovation inception and success: the technology–push, demand–pull question. *International Journal of Technology Management*, v.9, n.1, p.94-112, 1994. CHRISTENSEN, C. The innovator's dilemma: when new technologies cause great firms to fail. Harvard Business Review Press, 2013. CHOUNG, J. Y.; HWANG, H. R.; SONG, W. Transitions of Innovation Activities in Latecomer Countries: An Exploratory Case Study of South Korea. *World Development*, v. 54, p. 156–167, 2014. COHEN, W. M.; LEVINTHAL, D. Absorptive Capacity: A New Perspective on Learning and Innovation. *Administrative Science Quarterly*, v. 35, n. 1, p. 128–152, 1990. COURTNEY, H., KIRKLAND, J.& VIGUERIE, P. 1997 Strategy under Uncertainty. *Harvard Business Review*, Nov/Dec.pp.66-79. DOSI, G. The nature of innovation process. In: DOSI G., C. FREEMAN, C.; NELSON, R.; SILVERGERG, G.; SOETE, L. *Technical Change and Economic Theory*, London, Francis Pinter and New York, Columbia University Press, 1988, p. 221-238. DUTTA, S.; LAVINN, B.; WUNSCH-VINCENT, S. The global innovation index 2016: Winning with global innovation. Johnson Cornell University 2016. ETZKOWITZ, H.; LEYDESDORFF, L. The dynamics of innovation: from National Systems and “Mode 2” to a Triple Helix of university–industry–government relations. *Research Policy*, v. 29, n. 2, p. 109-123, 2000. FAGERBERG, J. Innovation: A Guide to the Literature. In: FAGERBERG, J.; MOWERY, D. C.; NELSON, R. R. *The Oxford handbook of innovation*. Oxford university press, 2005. FIGUEIREDO, P. N. Gestão da inovação: conceitos, métricas e experiências de empresas no Brasil. *Livros Técnicos e Científicos* 2009. FREEMAN, C. (1995). The ‘National System of Innovation’ in historical perspective. *Cambridge Journal of Economics*, v. 19, n. 1, p.5-24, 1995. FRENZ, M.; IETTO-GILLIES, G. The impact on innovation performance of different sources of knowledge: Evidence from the UK Community Innovation Survey. *Research Policy*, v. 38, n. 7, p. 1125–1135, 2009. GAMBARDELLA, A., RAASCH, C., VON HIPPEL, E. The user innovation paradigm: impacts on markets and welfare. *Management Science*, v.63, n.5, p.1450-1468, 2016. HAGEDOORN, J. Understanding the rationale of strategic technology partnering: interorganizational modes of cooperation and sectoral differences. *Strategic Management Journal*, v. 42, n. 5, p. 371–385, 1993. HAGEDOORN, J.; WANG, N. Is there complementarity or substitutability between internal and external R&D strategies? *Research Policy*, v. 41, n. 6, p. 1072–1083, 2012. HALL, B.H.; SENA V. Appropriability mechanisms, innovation, and productivity: Evidence from the UK. *Economics of Innovation and New Technology*, v. 26, n. 1–2, p. 42–62, 2017. HAMEL, G.; VALIKANGAS, L. The quest for resilience. *Harvard Business Review*, p.52-63. September, 2003 HENDERSON, R. M.; CLARK, K. B. Architectural Innovation: The Reconfiguration of Existing Product Technologies and the Failure of Established Firms. *Administrative Science Quarterly*, v. 35, n. 1, p. 9–30, 1990. HILL; ROTHARME F. T. The performance of incumbent firms in the face of radical technological innovation. *Academy of Management Review*, v. 28, n. 2, p. 257–274, 2003. HOWELLS, J. Innovation and regional economic development: A matter of perspective? *Research Policy*, v.34, n.8, p.1220–1234, 2005. HURMELINNA-LAUKKANEN, P.; PUUMALAINEN, K. Nature and dynamics of appropriability: Strategies for appropriating returns on innovation. *R&D Management*, v. 37, n. 2, p. 95–112, 2007. JAFFE, A. B. Technological Opportunity and Spillovers of R&D: Evidence from Firms’ Patents, Profits and Market Value. *American Economic Review*, v.76, n.5, p.984-1001, 1986. KIM, L.

Imitation to innovation: The dynamics of Korea's technological learning. Harvard Business Press, 1997. KIM, L. Crisis Construction and Organizational Learning: Capability Building in Catching-up at Hyundai Motor. *Organization Science*, v. 9, n. 4, p. 506–521, 1998. LAFORET, S. (2013). Organizational innovation outcomes in SMEs: Effects of age, size, and sector. *Journal of World business*, v.48, n., 4 p.490-502, 2013. LAM, A. Organizational Innovation. In: FAGERBERG, J.; MOWERY, D. C.; NELSON, R. R. *The Oxford handbook of innovation*. Oxford university press, 2005. LAURSEN, K.; SALTER, A. J. Open for innovation: The role of openness in explaining innovation performance among UK manufacturing firms. *Strategic Management Journal*, v. 27, n. 2, p. 131–150, 2006. LEONARD-BARTON, D. Core capabilities and core rigidities: A paradox in managing new product development. *Strategic Management Journal*, v. 13, S1, p.111-125, 1992. MACEDO-SOARES, T. D. L., A., BARBOZA, T. S., PAULA, F. O. Absorptive Capacity, Alliance Portfolios and Innovation Performance: An Analytical Model Based on Bibliographic Research. *Journal of Technology Management & Innovation*, v. 11, n. 3, p. 21-32, 2016. MARCH, J. Exploration and exploitation in organizational learning. *Organization Science*, v. 2, n. 1, p. 71–87, 1991. MARKARD, J., RAVEN, R., TRUFFER, B. Sustainability transitions: An emerging field of research and its prospects. *Research Policy*, v.41, n.6, 955-967, 2012. MOUTINHO, R., AU-YONG-OLIVEIRA, M., COELHO, A., PIRES MANSO, J. (2015). The role of regional innovation systems (RIS) in translating R&D investments into economic and employment growth. *Journal of Technology Management & Innovation*, v.10, n.2, p.9-23, 2015. NELSON, R.; WINTER., S. *An evolutionary theory of economic change*. Harvard University Press, 2009. NEMET, G. F. Demand-pull, technology-push, and government-led incentives for non-incremental technical change. *Research Policy*, v.38, n.5, p.700-709, 2009. NIDUMOLU, R., PRAHALAD, C. K., RANGASWAMI, M. R. Why sustainability is now the key driver of innovation. *Harvard Business Review*, v.87, n.9, p.56-64, 2009. OECD. *Oslo Manual-Guidelines for Collecting and Interpreting Innovation Data*. OECD, 2005. OZER, M.; ZHANG, W. The effects of geographic and network ties on exploitative and exploratory product innovation. *Strategic Management Journal*, v. 36, n. 7, p. 1105–1114, 2015. PAVITT, K. Sectoral patterns of technical change: Towards a taxonomy and a theory. *Research Policy*, v. 13, n. 6, p. 343–373, 1984. PAVITT, K. Innovation processes. In: FAGERBERG, J.; MOWERY, D. C.; NELSON, R. R. *The Oxford handbook of innovation*. Oxford university press, 2005. SAPPRASERT, K., & CLAUSEN, T. H. Organizational innovation and its effects. *Industrial and Corporate Change*, v.21, n.5, p.1283-1305, 2012. SCHILLING, M. A. *Strategic Management of Technological Innovation*. 5th edition. New York: McGraw-Hill Education, 2016. SMITH, K.H. Measuring innovation. In: FAGERBERG, J.; MOWERY, D. C.; NELSON, R. R. *The Oxford handbook of innovation*. Oxford university press, 2005. STAM, E.; WENNERBERG, K. The roles of R&D in new firm growth. *Small Business Economics*, v. 33, n. 1, p. 77–89, 2009. TEECE, D. J. Profiting from technological innovation: Implications for integration, collaboration, licensing and public policy. *Research Policy*, v. 15, n. 6, p. 285–305, 1986. TEECE, D. J. Explicating dynamic capabilities: the nature and microfoundations of (sustainable) enterprise performance. *Strategic Management Journal*, v. 28, n. 13, p.1319-1350, 2007. TÖNURIST, P.; KARO, E. State owned enterprises as instruments of innovation policy. *Annals of Public and Cooperative Economics*, v. 87, n. 4, p. 623-648, 2016. UTTERBACK, J. M.; ABERNATHY, W. J. A dynamic model of process and product innovation. *Omega*, v. 3, n. 6, p. 639-656, 1975. WALSH, V. Invention and Innovation in the Chemical Industry: Demand-pull or Discovery-push? *Research Policy*, v.13, n.4, p.211-234, 1984. ZAHRA, S. A.; GEORGE, G. (2002). Absorptive capacity: A review, reconceptualization, and extension. *Academy of Management Review*, v. 27, n.2, p.185-203, 2002. BIBLIOGRAFIA DAS APRESENTAÇÕES ADAMS, R., JEANRENAUD, S., BESSANT, J., DENYER, D., OVERY, P. Sustainability-oriented innovation: a systematic review. *International Journal of Management Reviews*, v.18. n.2, p.180-205, 2016. ADES, C., FIGLIOLI, A., SBRAGIA, R., PORTO, G., ARY PLONSKI, G., CELADON, K. Implementing open innovation: The case of Natura, IBM and Siemens. *Journal of Technology Management & Innovation*, v. 8, p. 12-25, 2013. ANZOLA-ROMÁN, P., BAYONA-SÁEZ, C., GARCÍA-MARCO, T. Organizational innovation, internal R&D and externally sourced innovation practices: Effects on technological innovation outcomes. *Journal of Business Research*, v.91, p.233-247, 2018. CARAYANNIS, E. G., SINDAKIS, S., WALTER, C. Business model innovation as lever of organizational sustainability. *The Journal of Technology Transfer*, v.40, n.1, p.85-104., 2015. COSTANTINI, V., CRESPI, F., MARTINI, C., PENNACCHIO, L. Demand-pull and technology-push public support for eco-innovation: The case of the biofuels sector. *Research Policy*, v.44, n.3, p.577-595, 2015. DUTRÉNIT, G. Instability of the technology strategy and building of the first strategic capabilities in a large Mexican firm. *Int. J. of Technology Management*, v.36, n.1/2/3, p.43-61, 2006. ELKINGTON, J. *Cannibals with forks: the triple bottom line of twenty-first century business*. Capstone. 1997. FIGUEIREDO, P. N. Learning, capability accumulation and firms differences: evidence from latecomer steel. *Industrial and Corporate Change*, v. 12, n. 3, p. 607–643, 2003. FIGUEIREDO, P. N.; SILVEIRA, G.; SBRAGIA, R. Risk Sharing Partnerships with Suppliers: the Case of Embraer. *Journal of Technological Management and Innovation*, v. 3, n. 1, p. 27–37, 2008. GIULIANI, E.; BELL, M. The micro-determinants of meso-level learning and innovation: evidence from a Chilean wine cluster. *Research Policy*, v. 34, n. 1, p. 201 47–68, 2005. HEIDENREICH, M. Innovation patterns and location of European low-and medium-technology industries. *Research Policy*, v.38, n.3, p.483-494, 2009. JOYCE, A., PAQUIN, R. L. The triple layered business model canvas: A tool to design more sustainable business models. *Journal of Cleaner Production*, v.135, p.1474-1486, 2016. LAZZARINI, S.

Strategizing by the government: Can industrial policy create firm-level competitive advantage? *Strategic Management Journal*, v. 36, n. 1, p. 97–112, 2015. LEE, K.; LIM, C. Technological regimes, catching-up and leapfrogging: Findings from the Korean industries. *Research Policy*, v. 30, n. 3, p. 459–483, 2001. Li, Y., Liu, Y., & Ren, F. (2007). Product innovation and process innovation in SOEs: evidence from the Chinese transition. *The Journal of Technology Transfer*, 32(1-2), 63-85. MACEDO-SOARES, T. D. L., PAULA, F. D. O., MENDONÇA, H. L. Leveraging firm innovation performance through alliance portfolios in emerging economies: the role of absorptive capacity. *Journal of Technology Management & Innovation*, v. 12, n.4, p.10-21, 2017. MULLER, A.; VÄLIKANGAS, L.; MERLYN, P. Metrics for innovation: guidelines for developing a customized suite of innovation metrics. *Strategy & Leadership*, v. 33, n. 1, p. 37–45, 2005. PAULA, F. D. O., SILVA, J. F. D. Innovation performance of Italian manufacturing firms: The effect of internal and external knowledge sources. *European Journal of Innovation Management*, 20(3), 428-445, 2017. PAULA, F. D. O., SILVA, J. F. D. Balancing Internal and External R&D Strategies to Improve Innovation and Financial Performance. *Brazilian Administration Review*, 2018a. PAULA, F. D. O., SILVA, J. F. D. The impact of alliances and internal R&D on the firm's innovation and financial performance. *Brazilian Business Review*, 2018b. PAULA, F. D. O., SILVA, J. F. D. (2019). The Role Of The Appropriability Mechanisms For The Innovative Success Of Portuguese Small And Medium Enterprises. *International Journal of Innovation Management*, 2019. ROSCOE, S., COUSINS, P. D., & LAMMING, R. C. Developing eco-innovations: A three-stage typology of supply networks. *Journal of Cleaner Production*, v.112, p.1948-1959, 2016. SINGLA, A., AHUJA, I. P. S., SETHI, A. P. S. The effects of demand pull strategies on sustainable development in manufacturing industries. *International Journal of Innovations in Engineering and Technology*, v.8, n.2, p.27-34, 2017. VAN DER BOOR, P., OLIVEIRA, P., & VELOSO, F. Users as innovators in developing countries: The global sources of innovation and diffusion in mobile banking services. *Research Policy*, v.43, n.9, p.1594-1607, 2014. VEUGELERS, R.; SCHNEIDER, C. Which IP Strategies do Young Highly Innovative Firms Choose? *Small Business Economics*, V. 50, N. 1, P. 113–129, 2018. YAMAKAWA, Y.; YANG, H.; LIN, Z. J. Exploration versus exploitation in alliance portfolio: Performance implications of organizational, strategic, and environmental fit. *Research Policy*, v. 40, n. 2, p. 287–296, 2011. YANG, M., VLADIMIROVA, D., RANA, P., EVANS, S. Sustainable value analysis tool for value creation. *Asian Journal of Management Science and Applications*. v.1, n.4), p.312-332, 2014. YIN, J., GONG, L., & WANG, S. Large-scale assessment of global green innovation research trends from 1981 to 2016: A bibliometric study. *Journal of Cleaner Production*, 2018.