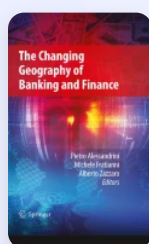


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Financial Centers Between Centralization and Virtualization

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Abstract

The chapter examines the current and future role of European financial centers. The “virtualization” of space leads to the weakening of the benefits from agglomeration through the widespread use of information and communication technology. Virtualization works well, however, only for standardized information, like stock prices, but not for complex information requiring constant interpretation. For the latter, face-to-face contacts cannot be substituted, and thus, financial centers are here to stay.

Nevertheless, it is not clear how many financial centers will survive. The chapter finds strong competition between Europe’s first-tier financial center London and second-tier centers, such as Frankfurt and Paris. Due again to the nature of

information, national centers will remain serving opaque domestic businesses. Thus, there is little competition between second-tier centers which are caught in between centralization - toward London - and regionalization toward the most opaque businesses within their respective countries.

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References

Beaverstock JV (2002) Transnational elites in global cities: British expatriates in Singapore's financial district. *Geoforum* 33:525-538

[Article](#) [Google Scholar](#)

Boden D, Molotch HL (1994) The compulsion of proximity. In: Friedland R, Boden D (eds) *NowHere: Space, time and modernity*. University of California Press, Berkeley, Los Angeles, London, pp. 257-286

[Google Scholar](#)

Budd L (1998) Global cities and finance: A troubled relationship. In: Gravesteijn S, van Griensven S, de Smidt M (eds) *Timing global cities*. Nederlandse Geografische Studies 241, Utrecht: Koninklijk Nederlands Aardrijkskundig Genootschap, 67-83

[Google Scholar](#)

Castells M (1997) *The power of identity: The information age - economy, society and culture*. Blackwell, London

[Google Scholar](#)

Clark G, O'Connor K (1997) The informational content of financial products and the spatial structure of the global finance industry. In: Cox LR (ed) *Spaces of globalization*. Guilford Press, London, New York, pp. 89-114

[Google Scholar](#)

Coval JD, Moskowitz TJ (1999) Home bias at home: local equity preference in

domestic portfolios. *Journal of Finance* (6):2045–2073

[Google Scholar](#)

Cowan R, David PA, Foray D (2000) The explicit economics of knowledge codification and tacitness. *Industrial and Corporate Change* 9(2):211–253

[Article](#) [Google Scholar](#)

Davis EP (1990) *International financial centers: An industrial analysis*. Bank of London Working Paper Series, London

[Google Scholar](#)

de Smidt M, van Rietbergen T (2002) Stock markets for sale: European integration and the consolidation of stock exchanges. *Tijdschrift voor Economische en Sociale Geografie* 93 (2):208–213

[Article](#) [Google Scholar](#)

Deutsche Börse (2005a) *Annual Report 2004*. Deutsche Börse, Frankfurt

[Google Scholar](#)

Deutsche Börse (2005b) *Proposed pre-conditional cash offer by Deutsche Börse for the London Stock Exchange plc*. January 27

[Google Scholar](#)

Engelen E (2004) “Amsterdamned”? The uncertain future of a secondary financial center. University of Amsterdam, Working Paper

[Google Scholar](#)

Engelen E (2007) “Amsterdamned”? The uncertain future of a financial center.

[Article](#) [Google Scholar](#)

Faulconbridge J, Engelen E, Hoyler M, Beaverstock J (2007) Analysing the changing landscape of European financial centers: The role of financial products and the case of Amsterdam. *Growth and Change* 38(2):279-303

[Article](#) [Google Scholar](#)

French KR, Poterba JM (1991) Investor diversification and international equity markets. *American Economic Review* 81:222-226

[Google Scholar](#)

Fujita M, Thisse J-F (1996) Economics of agglomeration. *Journal of the Japanese and International Economies* 10 (4):339-378

[Article](#) [Google Scholar](#)

Gaspar J, Glaeser E (1998) Information technology and the future of cities. *Journal of Urban Economics* 43:136-156

[Article](#) [Google Scholar](#)

Gehrig T (1995) Korreferat zum Referat Norbert Schulz. In: Gallen B, Hesse H, Ramser HJ (Eds) *Standort und Region*. Tübingen, Mohr, pp. 79-81

[Google Scholar](#)

Gehrig T (1998) *Cities and the geography of financial centers*. CEPR Discussion Paper No. 1894, London.

[Google Scholar](#)

Grinblatt M, Keloharju M (2001) How distance, language, and culture influence stockholdings and trades. *Journal of Finance* 56:1053-1073

[Article](#) [Google Scholar](#)

Grote MH (2004) Die Entwicklung des Finanzplatzes Frankfurt seit dem Zweiten Weltkrieg - Eine evolutionsökonomische Untersuchung. Duncker & Humblot, Berlin

[Google Scholar](#)

Grote MH (2007) Mobile marketplaces: Consequences of the changing governance of European stock exchanges. *Growth and Change* 38(2):260-278

[Article](#) [Google Scholar](#)

Grote MH (2008) Foreign banks' attraction to the financial center Frankfurt: An inverted 'U'-shaped relationship. *Journal of Economic Geography* 8:239-258

[Article](#) [Google Scholar](#)

Grote MH, Lo V, Harrschar-Ehrnborg S (2002) A value chain approach to financial centers: The case of Frankfurt. *TESG Journal of Economic and Social Geography* 93:412-423

[Google Scholar](#)

Grote MH, Täube FA (2006) Offshoring the financial services industry: Implications for the evolution of Indian IT clusters. *Environment and Planning A* 38:1287-1305

[Article](#) [Google Scholar](#)

Hau H (2001a) Location matters: An examination of trading profits. *Journal of Finance* 56:1959-1984

Hau H (2001b) Geographic patterns of trading profitability in Xetra. *European Economic Review* 45:757-769

[Google Scholar](#)

Kim S (1991) Heterogeneity of labor markets and city size in an open spatial economy. *Regional Science and Urban Economics* 21:109-126

[Article](#) [Google Scholar](#)

Kindleberger CP (1974) The formation of financial centers: A study in comparative economic history. *Princeton Studies in International Finance* 36(Nov)

[Google Scholar](#)

Laulajainen R (2001) End of geography at exchanges? *Zeitschrift für Wirtschaftsgeographie* 45(1):1-14

[Google Scholar](#)

Lee R, Schmidt-Marwede U (1993) Interurban competition? Financial centers and the geography of financial production. *International Journal of Urban and Regional Research*. 17 (4):492-515

[Article](#) [Google Scholar](#)

Lo V (2000) Networking for localised knowledge: The case of the M&A-Sector. Working Paper Series SFB 403 AB-00-19, Frankfurt

[Google Scholar](#)

Lo V (2001) Wissensbasierte Netzwerke im Finanzsektor. In: Esser J, Schamp EW (eds) *Metropolitane Region in der Vernetzung*. Frankfurt: Campus, pp. 131-53

Lo V (2003) Wissensbasierte Netzwerke im Finanzsektor. Das Beispiel des Mergers & Acquisitions-Geschäfts, Wiesbaden 2003

[Google Scholar](#)

Lo V, Schamp EW (2001) Finanzplätze auf globalen Märkten - Beispiel Frankfurt/Main. Geographische Rundschau 53(7-8):26-31

[Google Scholar](#)

Lo V, Grote MH (2002) Where traders go when stock exchanges go virtual: Concentration, dissemination or persistence? In: Balling M, Lierman F, Mullineux A (eds) Technology and finance: Challenges for financial markets, business strategies and policy makers. Routledge, London, pp. 90-203

[Google Scholar](#)

Loughran T, Schultz P (2005) Liquidity: Urban versus rural firms. University of Notre Dame, Working Paper

[Google Scholar](#)

Loughran T, Schultz P (2006) Asymmetric information, firm location, and equity issuance. University of Notre Dame Working Paper

[Google Scholar](#)

Lundvall B-Å (1988) Innovation as an interactive process: From user-producer interaction to the national system of innovation. In: Dosi G et al. (eds) Technical change and economic theory. Pinter, London, pp. 349-369

[Google Scholar](#)

Malloy CJ (2005) The geography of equity analysis. *Journal of Finance* 55(2):719–755

[Article](#) [Google Scholar](#)

Martin R (1999) The new geographical turn in economics: Some critical reflections. *Cambridge Journal of Economics* 23:65–91

[Article](#) [Google Scholar](#)

McCreevy C (2005) Stock market consolidation and security markets regulation in Europe. Annual lecture at Société Universitaire Européenne de Recherches Financières (SUEFR), Brussels, November 30

[Google Scholar](#)

O'Brien R (1992) *Global financial integration: The end of geography*. Pinter, London

[Google Scholar](#)

Pinkowitz L, Stulz RM, Williamson R (2001) Corporate governance and the home bias. NBER Working Paper 8680

[Google Scholar](#)

Porteous DJ (1999) The development of financial centers: Location, information externalities and path dependence. In: Martin R (ed) *Money and the Space Economy*. John Wiley & Sons, Chichester, pp. 95–114

[Google Scholar](#)

Power D (2002) IT and institutions in the structuring of European finance: Urban impacts. *Economic and Industrial Democracy* 23(3):335–356.

[Article](#) [Google Scholar](#)

Schmidt RH, Grote MH (2006) Was ist und was braucht ein bedeutender Finanzplatz? Bankhistorisches Archiv 45:11-27

[Google Scholar](#)

Storper M, Venables AJ (2004) Buzz: Face-to-face contact and the urban economy. Journal of Economic Geography 4:351-370

[Google Scholar](#)

Ter Hart HW, Piersma J (1990) Direct representation in international financial markets: The case of foreign banks in Amsterdam. TESG 81(2):82-92

[Google Scholar](#)

Thrift N (1994) On the social and cultural determinants of international financial centers: The case of the city of London. In: Corbridge S, Thrift N, Martin R (eds) Money, Power and Space. Blackwell, Oxford, pp. 327-355

[Google Scholar](#)

UBS (2006) UBS in Deutschland. UBS, Frankfurt

[Google Scholar](#)

Veltz P (1996) Mondialisation, villes et territoires. L' conomie d'Archipel. PUF, Paris

[Google Scholar](#)

Walter I (1998) Globalization of markets and financial center competition. Paper presented at the conference on "Challenges for Highly Developed Countries in the Global Economy," Institut f r Weltwirtschaft, Kiel, 20 March

[Google Scholar](#)

Wójcik D (2002) Cross-border corporate ownership and capital market integration in Europe: Evidence from portfolio and industrial holdings. *Journal of Economic Geography* 2:455–491

[Article](#) [Google Scholar](#)

Wójcik D (2007) Geography and future of stock exchanges: Between real and virtual space. *Growth and Change* 38(2):200–223

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