

Curriculum Vitae - Jan Fagerberg

Jan Fagerberg has a part-time affiliation with CIRCLE. He is also professor at the University of Oslo, where he is affiliated with the Centre for Technology, Innovation and Culture (TIK). Previous affiliations include the Norwegian Ministry of Finance, the Norwegian Institute for Foreign Affairs (NUPI) and the University of Aalborg. Fagerberg studied history, political science and economics before he graduated from the University of Bergen in 1980 with a degree in economics. He holds a D. Phil. from the University of Sussex (1989), where he was at the Science Policy Research Unit (SPRU).

In his research Fagerberg has particularly focused on the relationship between technology (innovation and diffusion) on the one hand and competitiveness and economic growth on the other. He has published extensively on these and related topics in books and journals. During the period 1996-1999 Fagerberg was one of the co-ordinators of a large European project "Technology, Economic Integration and Social Cohesion (TEIS)" funded by European Commission (in which more than 50 European researchers and 15 different institutions took part). This work resulted in 1999 in the publication of the book "The Economic Challenge for Europe: Adapting to Innovation Based Growth" (Edward Elgar) edited by Fagerberg, Paolo Guerrieri and Bart Verspagen. More recent initiatives of his have been the international "Innovation Studies Network", which Fagerberg initiated in 1999 with the support of the Norwegian Research Council, and the TEARI project (2002-2004), supported by the European Commission. The latter, which aimed at producing an authoritative survey of the role of innovation in modern societies, led in 2004 to the publication of *The Oxford Handbook of Innovation* at Oxford University Press, edited by Fagerberg, David Mowery and Richard Nelson. Between 2003 and 2008 Fagerberg led a large scale research effort funded by the Norwegian Research Council on the working of the Norwegian innovation system, the outcome of which is in the process of being published as book by Oxford University Press. During 2007-8 he headed a cross-disciplinary research group focusing on "Understanding Innovation" at the Centre for Advanced Study (CAS), Norwegian Academy of Science and Letters in Oslo.

Fagerberg is an associate editor of the journal "Structural Change and Economic Dynamics" and on the board of the journals "Evolutionary Economics", "Industry and Innovation", "Research Policy" and "Technology Analysis & Strategic Management". He is an assigned professor at the Faculty of Social Sciences at Aalborg University and has been an honorary fellow of the Centre for Research on Innovation and Competition (CRIC) at the University of Manchester. Between 2004 and 2008 he was Vice-President of the Joseph Schumpeter Society. Fagerberg has been visiting professor at several foreign universities including the University of California San Diego, the University of Maastricht, the University of Paris XIII, Copenhagen Business School and the Technical University of Lisbon (where he was a "Gulbenkian Professor"). He has served on several committees in Norway and elsewhere, including the Norwegian Research Council and the European Science Foundation, and has been a consultant to the European Commission, the OECD and the United Nations.

Selected Articles in Journals

Fagerberg, J. and Srholec, M. (2008) National Innovation systems, capabilities and economic development, *Research Policy*, 37: 1417-1435

- Fagerberg, J., Srholec, M. and Knell, M. 2007. The Competitiveness of Nations: Why Some Countries Prosper While Others Fall Behind?, *World Development*, 35 (10): 1595-1620.
- Fagerberg, J. and Verspagen, B. 2007. Innovation, growth and economic development: have the conditions for catch-up changed?, *International Journal of Technological Learning, Innovation and Development*, 1 (1): 13-33.
- Fagerberg, J. and Srholec, M. 2004. Structural Changes in International Trade, *Revue Économique*, 55 (6): 1071-98.
- Cappelen, A., Castellacci, F., Fagerberg, J. and Verspagen, B. 2003. The Impact of EU Regional Support on Growth and Convergence in the European Union, *Journal of Common Market Studies*, 41 (4): 621-44.
- Fagerberg, J. 2003. Schumpeter and the revival of evolutionary economics: an appraisal of the literature, *Journal of Evolutionary Economics*, 13, 125-159.
- Fagerberg, J. 2003. The Potential of Benchmarking as a Tool for Policy Learning, *The IPTS Report*, 9 (71).
- Fagerberg, J. and B. Verspagen 2002. Technology-gaps, innovation-diffusion and transformation: an evolutionary approach, *Research Policy*, 31: 1291-1304.
- Fagerberg, J. 2000. Technological progress, structural change and productivity growth: a comparative study, *Structural Change and Economic Dynamics*, 11 (4): 393-411.
- Fagerberg, J. 1999. The Need for Innovation-Based Growth in Europe, *Challenge*, 42 (5): 63-79.
- Fagerberg, J. 1999. Technology, Policy, Growth-Theory, Evidence and Interpretation, *Nordic Journal of Political Economy*, 25 (1): 5-14.
- Fagerberg, J., Verspagen, B. and Caniëls, M. 1997. Technology, Growth and Unemployment across European Regions, *Regional Studies*, 31 (5): 457-466.
- Fagerberg, J. and Verspagen, B. 1996. Heading for Divergence? Regional Growth in Europe Reconsidered, *Journal of Common Market Studies*, 34 (3): 431-448.
- Fagerberg, J. 1996. Technology and competitiveness, *Oxford Review of Economic Policy*, 12 (3): 39-51.
- Fagerberg, J. 1995. Convergence or Divergence? The Impact of Technology on "Why Growth Rates Differ", *Journal of Evolutionary Economics*, 5 (3): 269-284.
- Fagerberg, J. 1995. User-Producer Interaction, Learning and Comparative Advantage, *Cambridge Journal of Economics*, 19 (1): 243-256.
- Cappelen, A. and Fagerberg, J. 1995. East Asian Growth: A Critical Assessment, *Forum for Development Studies*, 5 (2): 175-195.
- Fagerberg, J. 1994. Technology and International Differences in Growth Rates, *Journal of Economic Literature*, XXXII (3): 1147-1175.
- Fagerberg, J. 1993. Hjemmemarkedets betydning for konkurransevnen, *Norsk Økonomisk Tidsskrift*, 107 (2): 93-113.
- Fagerberg, J., Cappelen, Å. and Mjøset, L. 1992. Structural change and economic policy: the Norwegian model under pressure, *Norwegian Journal of Geography*, 46 (2): 95-107.
- Fagerberg, J. 1992. Teknologi og vekst: Om vekstforskjeller mellom land, *Norsk Økonomisk Tidsskrift*, 106 (2): 91-107.
- Fagerberg, J. 1991. The Process of Economic Integration in Europe: Consequences for EFTA Countries and Firms, *Cooperation and Conflict*, XXVI (4): 197-215.
- Fagerberg, J. 1991. Technology and regulation in a classical model of economic growth, *European Journal of Political Economy*, 7: 299-312.
- Fagerberg, J. 1988. International Competitiveness, *The Economic Journal*, 98 (June): 355-374.
- Fagerberg, J. and Sollie, G. 1987. The method of constant market shares analysis reconsidered, *Applied Economics*, 19 (12): 1571-1584.

- Fagerberg, J. 1987. Strukturanalyse av norsk eksport 1973-1985, Økonomiske analyser, No. 8, pp. 43-49.
- Fagerberg, J. 1987. Strukturendringer i OECDs og Nordens utenrikshandel 1961-1983, Økonomiske analyser, No. 2, pp. 24-38.
- Fagerberg, J. 1987. A technology gap approach to why growth rates differ, Research Policy, 16 (2-4): 87-99.

Selected Articles in Books

- Fagerberg, J., Mowery, D. and Verspagen, B. (eds.) (forthcoming). Innovation in Norway, in Fagerberg, J., Mowery, D. and Verspagen, B. (eds.) Innovation, Path Dependency and Policy: The Norwegian case, Oxford University Press (forthcoming January 2009)
- Fagerberg, J. 2007. The dynamics of technology, growth and trade: A Schumpeterian perspective, in Hanusch, H. and A. Pyka (eds.), Elgar Companion to Neo-Schumpeterian Economics, Edward Elgar, Cheltenham, pp. 705-18.
- Fagerberg, J. 2006. Knowledge in Space: What Hope for the Poor Parts of the Globe?, in Kahin, B. and Foray, D. (eds.) Advancing Knowledge and the Knowledge Economy, MIT Press, Massachusetts, 2006, pp. 217-234.
- Fagerberg, J. 2006. What do we know about innovation and socio-economic change? Lessons from TEARI project, in Earl, L. and Gault, F. (eds.) National Innovation, Indicators and Policy, Edward Elgar, Cheltenham, 2006, pp. 11-23.
- Godhino, M. M., Fagerberg, J. 2004. Innovation and Catching-Up, in Fagerberg, J., Mowery, D., and Nelson, R. (eds.) The Oxford Handbook of Innovation, Oxford University Press, Oxford, 2004.
- Fagerberg, J. 2004. Innovation: A guide to the Literature, in Fagerberg, J., Mowery, D., and Nelson, R (eds.) The Oxford Handbook of Innovation, Oxford University Press, Oxford, 2004.
- Fagerberg, J. 2001. Economic Growth and Convergence, in M. Warner (ed.), International Encyclopedia of Business & Management, Thomson Learning, London, pp. 1547-1554.
- Fagerberg, J. 2001. Europe at the Crossroads: The Challenge from Innovation-based Growth, in Archibugi, D. and Lundvall, B.-Å. (eds.), The Globalizing Learning Economy, Oxford University Press, New York, pp. 45-60.
- Fagerberg, J. and Verspagen, B. 2000. Productivity, R&D Spillovers and Trade, in van Ark, B., Kuipers, S. K. and Kuper, G. H. (eds.), Productivity, Technology and Economic Growth, Kluwer Academic Publishers, Dordrecht, pp. 345-360.
- Fagerberg, J. 2000. Vision and Fact: A Critical Essay on the Growth Literature, in Madrick, J. (ed.), Unconventional Wisdom, Alternative Perspectives on the New Economy, The Century Foundation, New York, pp. 299-320.
- Cappelen, A., Fagerberg, J. and Verspagen, B. 1999. Lack of regional convergence, in Fagerberg, J., Guerrieri, P., Verspagen, B. (eds.), The Economic Challenge for Europe. Adapting to Innovation Based Growth, Edward Elgar, Cheltenham, pp. 130-148.
- Fagerberg, J. and Verspagen, B. 1999. 'Modern Capitalism' in the 1970s and 1980s, in Setterfield, M. (ed.), Growth, Employment and Inflation, Macmillan, London, pp. 113-126.
- Fagerberg, J. 1997. Competitiveness, scale and R&D, in Fagerberg, J., Hansson, P., Lundberg, L. and Melchior, A. (eds.), Technology and International Trade, Edward Elgar, Cheltenham, pp. 38-54.
- Fagerberg, J. 1997. Teknologi, politikk, vekst: fakta og fortolkning, in Basberg, B. L., Nordvik, H. W. and Stang, G. (eds.), I det lange løp, Fagbokforlaget, Bergen, pp. 47-59.
- Fagerberg, J., Verspagen B. and von Tunzelman, N. 1994. The Economics of Convergence and Divergence: An Overview, in (eds.), The Dynamics of Technology, Trade and Growth, Edward Elgar, Aldershot, pp. 1-20.
- Fagerberg, J. 1994. Domestic Demand, Learning and Comparative Advantage, in Johansson, B., Karlsson, C. and Westin, L. (eds.), Patterns of a Network Economy, Springer-Verlag, Berlin, pp. 113-124.

- Fagerberg, J. 1993. Technology, Trade Structure and Economic Integration - An Examination of Intra-Nordic, Nordic-EC and Intra-EC Trade 1961-1987, in Fagerberg, J. and Lundberg, L. (eds.), European Economic Integration, Avebury, Aldershot, pp. 38-62.
- Fagerberg, J. 1992. The Home Market Hypothesis Re-examined: The Impact of Domestic User-Producer Interaction on Export Specialisation, in Lundvall, B.-Å. (ed.), National Systems of Innovation. Towards a Theory of Innovation and Interactive Learning, Pinter, London, pp. 226-241.
- Fagerberg, J. 1991. Innovation, catching up and growth, in Technology and productivity: the challenge for economic policy, OECD, Paris, pp. 37-46.
- Fagerberg, J. 1990. Diffusion, Structural Change and Intra-Regional Trade: The Case of the Nordic Countries 1961-1983, in Johansson, B. and Karlsson, C. (eds.), Innovation, industrial knowledge and trade. A Nordic perspective, CERUM, Umeå, pp. 19-35.
- Fagerberg, J. 1990. Innovation, Competitiveness and Economic Integration, in Lyck, L. (ed.), The Nordic Countries and the International Market of the EEC, Handelshøjskolens Forlag, København, pp. 46-62.
- Dalum, B., Fagerberg, J. and Jørgensen, U. 1988. Small Open Economies in the World Market for Electronics: The Case of the Nordic Countries, in Freeman, C. and Lundvall, B.-Å. (eds.), Small Countries Facing the Technological Revolution, Pinter, London and New York, pp.113-138.
- Fagerberg, J. 1988. Why growth rates differ, in Dosi, G., Freeman, C., Nelson, R., Silverberg, G. and Soete, L. (eds.), Technical Change and Economic Theory, Pinter, London, pp. 432-457.
- Fagerberg, J. 1987. Diffusion of Technology, Structural Change and Intra-Industry Trade: The Case of the Nordic Countries 1961-1983, in Andersson, J. O. (ed.), Nordic Studies on Intra-Industry Trade, Åbo Academy Press, Åbo, pp. 73-102.

Books

- Fagerberg, J., Mowery, D. and Verspagen, B. (eds.) (forthcoming). Innovation, Path Dependency and Policy: The Norwegian case, Oxford University Press (forthcoming January 2009)
- Fagerberg, J., Mowery, D., and Nelson, R (eds.) 2004. The Oxford Handbook of Innovation, Oxford University Press, Oxford
- Fagerberg, J. 2002. Technology, Growth and Competitiveness: Selected Essays, Edward Elgar, Cheltenham.
- Fagerberg, J., Guerrieri, P. and Verspagen, B (eds.) 1999, The Economic Challenge for Europe: Adapting to Innovation Based Growth, Edward Elgar, Cheltenham.
- Fagerberg, J., Hansson, P., Lundberg, L. and Melchior, A. 1997. Technology and International Trade, Edward Elgar, Cheltenham.
- Fagerberg, J., Verspagen, B. and von Tunzelmann, N. (eds.) 1994. The Dynamics of Technology, Trade and Growth, Edward Elgar, Aldershot.
- Fagerberg, J. and Lundberg, L. (eds.) 1993. European Economic Integration: A Nordic Perspective, Avebury, Aldershot.

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