

## **BRIEF CURRICULUM VITAE**

John Stanley Metcalfe BA (Econ) MSc, CBE,  
Date of Birth - 20th March 1946; Nationality - British

Professor Stan Metcalfe is Professor Emeritus at the University of Manchester and a visiting Fellowship in the Centre for Business Research at Cambridge University, and has held Visiting Professorships at the University of Queensland and Curtin University, Western Australia. He was the Haydn Williams Fellow at Curtin University of Technology for 2008. He was a Founding Director of the ESRC Centre for Research on Innovation and Competition (CRIC) at the University of Manchester and UMIST. Between 1993 and 2008 he was the Stanley Jevons Professor of Political Economy and Cobden Lecturer in the School of Social Sciences at Manchester University. During this period he served terms as Dean of the Faculty of Social and Economic Sciences, and as Interim Dean of the Faculty of Medical and Human Sciences. His research interests are theoretical and empirical and focus on evolutionary economics, innovation systems and processes, and the history of technology and the growth of knowledge, most recently in relation to medical innovation.

During his career he had extensive experience of working in Whitehall. He was a member of the Advisory Council on Applied Research Development (ACARD) from 1984 – 1987 and of the Advisory Council for Science and Technology (ACOST) from 1987 to 1993. He was a member of the Monopolies and Mergers Commission from October 1991 to October 1997. He was a member of the Expert Group on Knowledge for Growth (K4G), advising the European Commissioner for Research from January 2007 until its work was completed in 2009.

He is a past President of the International Schumpeter Society (1998-2000), the Manchester Statistical Society (1992-1994), and of Section F (Economics) of the British Association for the Advancement of Science (2008). He has published over 150 papers and books. Invited, distinguished lectures include the Momigliano lecture, (University of Rome 2004), the Colin Clark Lecture (University of Queensland, 2005), the Presidential Address to Section F of the British Association for the Advancement of Science (2008), the Haydn Williams Lecture (Curtin University of Technology, 2008), The Swedish Schumpeter lecture (University of Gothenburg, 2022).

### Selected Recent Publications

Bloch, H and Metcalfe J,S, 2024, ‘Price Theory in an Evolving Complex Economy;’, in A Pyka *et al*, (eds) Handbook of Complexity Economics, London, Edward Elgar.

Metcalfe J.S., Brostrom A., and McKelvey, M., 2024, ‘Industry and Innovation,( online).

Foster J., and Metcalfe, J.S., 2011, ‘Economic Emergence: An Evolutionary Perspective’, Journal of Economic Behaviour and Organisation.

Metcalf, J.S., 2011, 'Investment in the Theory of Evolutionary Competition', in C. Gehrke and Ian Steedman, (eds), Classical Theories vs. Modern Economics: Essays in Honour of Heinz D Kurz, London, Routledge.

Harry Bloch and Stan Metcalfe, 2011, 'Complexity in the Theory of the Developing Firm', in Antonelli, C., (ed), Handbook on the Economic Complexity of Technological Change, Cheltenham, Edward Elgar

Ian Steedman and J.S.Metcalf, 2011, 'Herr Schumpeter and the Classics', Jena Economic Research Papers, MPI Institute of Economics, Jena.

J.S Metcalfe, 2010, 'Complexity and Emergence in Economics: the Road from Smith to Hayek (via Marshall and Schumpeter)', History of Economic Ideas, Vol,13 (2), pp.45-76.

J.S. Metcalfe, 2010, 'University and Business Interactions: Connecting the Knowledge Economy' Minerva, Vol.48 (5), pp.5-33.

J.S. Metcalfe and J. Foster, 2010, 'Evolutionary Growth Theory', in M. Setterfield (ed), Handbook of Alternative Theories of Economic Growth, Cheltenham, Edward Elgar.

J.S.Metcalf, 2010 'The Open, Evolving Economy: Alfred Marshall on Knowledge, Management and Innovation', in Gaffard, J-L and Salies, E., (eds), Innovation, Economic Growth and the Firm, Cheltenham, Edward Elgar.

J.S. Metcalfe, 2010, 'Competitiveness and Comparative Advantage: Towards an Evolutionary Approach to Growth and Foreign Trade', in Birolo, A., Foley, D.K., Kurz, H.D., Schefold, B., and Steedman, I., Production, Distribution and Trade: Alternative Perspectives: essays in Honour of Sergio Parinello, London, Routledge.

J.S. Metcalfe, 2010, 'Technology in Economic Theory', Cambridge Journal of Economics, Vol. 34(1), pp.153-172.

J., Vint, S., Metcalfe, H., Kurz, N., Salvadori, and P., Samuelson, (eds), 2009, Economic Theory and Economic Thought, London, Routledge

Foster J., and Metcalfe J.S., 2009, 'Evolution and Economic Complexity: an Overview', Economics of Innovation and New Technology, Vol.18(7&8), pp.607-610.

J.S. Metcalfe, 2009, 'Dancing in the Dark: Competition over the Meaning of Competition', Economia Politica, Vol.27 (2), pp.203-224.

J.S.Metcalf, 2009, 'The Broken Thread: Marshall, Schumpeter and Hayek on the Evolution of Capitalism', in Y., Shionoya and T., Nishizawa, (eds), Marshall and Schumpeter on Evolution: Economic Sociology of Capitalist Development, Cheltenham, Edward Elgar.

Davide.Consoli, Andrew McMeekin, J.Stan Metcalfe, Andrea Mina and Ronnie Ramlogan, 2009, 'The Process of Health Care Innovation: Problem Sequences, Systems and Symbiosis', in Costa-Font, J., Coubage, C., and McGuire, A., (eds), The Economics of New Health Technologies, Oxford, Oxford University Press.

Antonelli, C., Link, N., and Metcalfe S., 2009 Technology Infrastructure, London, Routledge.

J.S. Metcalfe, 2009 'On Marshallian Evolutionary Dynamics, Entry and Exit', in J.Vint., S., Metcalfe, N., Salvadori, and P., A., Samuelson, (eds), Economic Theory and Economic Thought Essays in Honour of Ian Steedman, London, Routledge

A.N., Link and Metcalfe, J.S., 2008, 'Technology Infrastructure: Introduction to the Special Issue', Economics of Innovation and New Technology, Vol. 17(7&8), pp. 611-614.

J.S. Metcalfe, 2008, 'Instituted Economic Processes, Increasing Returns and Endogenous Growth', in G. M. Hodgson, (ed), The Evolution of Economic Institutions, Cheltenham, Edward Elgar,

J.S. Metcalfe and R. Ramlogan, 2008, 'Innovation Systems and the Competitive Process in Developing Economies' The Quarterly Review of Economics and Finance, Vol.48,

J.S. Metcalfe, 2008, 'Accounting for Economic Evolution: Fitness and the Population Method', Journal of Bioeconomics, Vol. 10, pp.23-50.

R. Ramlogan, A. Mina, G. Tampubolon, & J. S. Metcalfe, 2007, 'Networks of Knowledge: The Distributed Nature of Medical Innovation', Scientometrics 70(3) pp459-489.

J.S. Metcalfe, 2007, 'Alfred Marshall and the General Theory of Evolutionary Economics', History of Economic Ideas, Vol.15 (1), pp. 81-110.

J.S. Metcalfe, 2007, 'Alfred Marshall's Mecca: Reconciling the Theories of Value and Development', Economic Record, Vol. 83, Supplement, pp. 1-32.

Mina, A., Ramlogan, R., Tampubolon, G., and Metcalfe J.S., 2007, 'Mapping Evolutionary Trajectories: Applications to the Growth and Transformation of Medical Knowledge', Research Policy, Vol.36, pp.789-806.

J.S. Metcalfe, 2007, 'Innovation, Competition and Enterprise: Foundations for Economic Evolution in Learning Economies', in J.Hage and M.Meeus (eds), Innovation, Science and Institutional Change, Oxford University Press.

J.S. Metcalfe, 2007, 'Innovation Systems, Innovation Policy and Restless Capitalism', pp. 441-454, in F. Malerba and S.Brussoni (eds), Perspectives on Innovation, Cambridge, Cambridge University Press.

J.S. Metcalfe, 2007, 'Innovation Policy', pp. 943-966, in Hanusch, H and Pyka, A. (eds.), The Elgar Companion to Neo-Schumpeterian Economics, Cheltenham, Edward Elgar,

J.S. Metcalfe and R. Ramlogan. 2007, 'Innovation Systems and the Competitive Process in Developing Economies', in Cook.P., Fabella, R., and Lee.C., Competitive Advantage and Competition Policy in Developing Economies, Cheltenham, Edward Elgar.

J. S. Metcalfe, 2006, 'Innovation and the Conditions of Economic Progress', (The Fifteenth Colin Clark Lecture, University of Queensland), Economic Analysis and Policy, Vol.36 (1&2), pp.1-12.

J.S. Metcalfe, 2006, 'Creative Destruction and the Measurement of Productivity Change', Revue de l'Observatoire Francais des Conjunctures Economiques, June, pp. 373-397.

J.S.Metcalfe and J.Pickstone, 2006, 'Replacing Hips and Lenses: Industry and Innovation in Post-War Britain', in A.Webster (ed) New Technologies in Health Care, London, MacMillan.

J.S. Metcalfe, J. Foster and R. Ramlogan, 2006, 'Adaptive Economic Growth', Cambridge Journal of Economics, Vol. 30, No. 1, pp.7-32.

J.S.Metcalfe, 2006, 'Entrepreneurship: An Evolutionary Perspective', in M.Casson, B.Yeung, A.Basu, and N.Wadeson, (eds),The Oxford Handbook of Entrepreneurship, Oxford, Oxford University Press.

J.S. Metcalfe, A. Mina and A. James, 2005, 'Emergent Innovation Systems and the Development of the Intraocular Lens', Research Policy. Vol.34, pp.1283-1304.

J.S. Metcalfe and R. Ramlogan, 2005, 'Limits to the Economy of Knowledge and Knowledge of the Economy', Futures, Vol. 37, pp. 655-674.

J.S. Metcalfe and J. Foster (eds.), 2005, Organisations, Technology and Complex Adaptive Systems, Edward Elgar.

M. Harvey and J.S. Metcalfe, 2004 'The Ordering of Change: Polanyi Schumpeter and the Nature of the Market Mechanism' Journal des Economistes et des Etudes Humaines, XIV, 2, 87-114.

J.S. Metcalfe and U. Cantner (eds.), 2003, Change, Transformation and Development, Physica-Verlag, Heidelberg.

J.S. Metcalfe, 2003, 'Industrial Growth and the Theory of Retardation: Precursors of an Adaptive Evolutionary Theory of Economic Change', Revue Economique, Vol. 54, pp. 407-431.

J.S. Metcalfe and A. Warde (eds.), 2002, Market Relations and the Competitive Process, Manchester University Press.

J.S. Metcalfe, 2002, 'Institutions and Progress', Industrial and Corporate Change, Vol. 10, No. 3, pp.561-586.

J.S. Metcalfe, 1998, Evolutionary Economics and Creative Destruction, Routledge, London.

JSM,  
22<sup>nd</sup> July, 2011.