

Curriculum Vitae

Harald Edquist

Short bio:

Harald Edquist is Master Researcher Macroeconomics at Ericsson Research, Stockholm. His research is primarily focused on the impact of ICT technologies, such as IoT and 5G, on productivity, economic growth, jobs and CO₂-emissions.

Education:

2014	Associate professor in Economic History , Stockholm School of Economics
2001–2006	PhD in Economic History , Stockholm School of Economics
2003 autumn	Visiting scholar , Groningen Growth and Development Centre
1996–2001	Master of Science in Economics and Business Administration , Stockholm School of Economics
2000	Exchange semester , EM Lyon
1993–1996	Natural Science Program , Katedralskolan in Linköping

Work experience:

2014–present	Ericsson Research , Stockholm (Master Researcher Macroeconomics)
2011–2014	Forum for Reforms Entrepreneurship and Sustainability (FORES) , Stockholm (Research Director)
2008 – 2011	Research Institute of Industrial Economics (IFN) , Stockholm (Participation in EU research project COINVEST)
2006 – 2008	Center for Business and Policy Studies (SNS) , Stockholm (Research Director)
2001	UBS Group Policy & Research , Zurich (Trainee)
1999	OECD , Paris (Summer internship)

Languages:

Swedish	Native – I was born and currently live in Sweden
English	Fluent – I studied at U.S. High School for one year
French	Excellent – I studied economics and business in Lyon for 6 months
German	Decent – I worked in Zürich for 6 months
Spanish	Beginner – I spent one semester in Spain

Appointments, board membership, research collaboration participation:

TELUS – Centre for the Study of Living Standards (CSLS) Research Project, Member of research advisory committee on the impact of broadband on productivity, 2022–

Ericsson – Research Institute of Industrial Economics (IFN) Research Collaboration, Participant in research project investigating the impact of digitalization across industries, 2022–

Swedish Society of Business Economists (SIMRA), Chairman of the board, 2020–2023

Statistics Sweden User Council of Economic Statistics, Member of the council, 2010–2021

Ericsson – Imperial College Research Collaboration, Participant in research project investigating the economic impact of mobile broadband, IoT and data, 2015–2020

Ericsson – Earth Institute, University of Columbia Research Collaboration, Participant in research project investigating the role of ICT in achieving the UN Sustainable Development Goals (SDGs), 2015

Competitiveness, Innovation and Intangible Investment in Europe (COINVEST), Participant in EU project investigating the economic contribution of intangible investment, 2008–2010

Articles in international journals with peer review:

Edquist, Harald and Bergmark, Pernilla (2023), “How is mobile broadband intensity affecting CO₂ emissions? – A macro analysis”, *Telecommunications Policy*, 102668.

Goodridge, Peter, Haskel, Jonathan and Edquist Harald (2022), “We see data everywhere except in productivity statistics”, *Review of Income and Wealth*, vol. 68, pp. 862–894.

Edquist, Harald (2022), “The economic impact of mobile broadband speed”, *Telecommunications Policy*, vol 46, 102351.

Edquist, Harald, Goodridge, Peter and Haskel, Jonathan (2021), “The economic impact of streaming beyond GDP”, *Applied Economics Letters*, vol. 29, pp. 262–283.

Edquist, Harald, Goodridge, Peter and Haskel, Jonathan (2021), “The Internet of Things and economic growth in a panel of countries”, *Economics of Innovation and New Technology*, vol. 30, pp. 262–283.

Goodridge, Peter, Haskel, Jonathan and Edquist Harald (2019), “The economic contribution of the “C” in ICT: Evidence from OECD countries”, *Journal of Comparative Economics*, vol. 47, pp. 867–880.

Edquist, Harald, Goodridge, Peter, Haskel, Jonathan, Li, Xuan and Lindquist, Edward (2018), “How important are mobile broadband networks for the global economic development?”, *Information, Economics and Policy*, vol. 45, pp. 16–29.

Edquist, Harald and Henrekson, Magnus, (2017), “Swedish lessons: How important are ICT and R&D to economic growth?”, *Structural Change and Economic Dynamics*, vol. 42, pp. 1–12.

Edquist, Harald and Henrekson, Magnus (2017), “Do R&D and ICT affect total factor productivity differently?”, *Telecommunications Policy*, vol. 41, pp. 106–119.

Edquist, Harald (2013), “Can double deflation explain the ICT growth miracle?”, *Economics Letters*, vol. 121, pp. 302–305.

Edquist, Harald (2011), "Can investment in intangibles explain the Swedish productivity boom in the 1990s?", *Review of Income and Wealth*, vol. 57, pp. 658–682.

Edquist, Harald (2011), "Parallel development? Productivity growth following diffusion of electric motors and ICT", *Scandinavian Economic History Review*, vol. 59, pp. 29–47.

Edquist, Harald (2010), "Does hedonic price indexing change our interpretation of economic history? Evidence from Swedish Electrification", *Economic History Review*, vol. 63, pp. 500–523.

Edquist, Harald and Henrekson, Magnus (2006), "Technological breakthroughs and productivity growth", *Research in Economic History*, vol. 24, pp. 1–53.

Edquist, Harald (2005), "The Swedish ICT miracle – Myth or reality?", *Information, Economics and Policy*, vol 17, pp. 275–301.

Selected policy publications:

Carson, Stephen and Edquist, Harald (2021), "Technological innovation, productivity and sustainability", Ericsson Position Paper.

Choupres, Maria and Edquist, Harald (Eds.) (2013), *What can we learn from economic reforms in Greece and Sweden?*, European Liberal Forum, Brussels.

Edquist, Harald (2013), "Är eurokrisen en konkurrenskraftskris?" (Is the euro crisis a competition crisis?), in Söderström, Hans Tson (Ed.), *Överlever Euron?* (Will the euro survive?), FORES, Stockholm.

Edquist, Harald (2013), "Klarar SCB att mäta produktions- och produktivitetens utvecklingen i den svenska ekonomin?" (Will Statistics Sweden be able to measure production- and productivity development in the Swedish economy?), *Ekonomiska Samfundets Tidskrift*, vol. 66, pp. 74–92.

Arnek, Magnus, Bergman, Mats, Edquist, Harald, Hultkrantz, Lars, Lundberg, Sofia and Svensson, Mikael (2013), *Den offentliga sektorn – En antologi om att mäta produktivitet och prestationer* (The public sector – An anthology of measuring productivity and performance), Report to the expert group on public economics (ESO), Ministry of Finance, Stockholm.

Edquist, Harald, Jagrén, Lars and Ådahl, Martin (2012), "Innebär sänkta arbetsgivaravgifter högre löneanspråk?" (Will lower payroll taxes lead to higher wage claims?), FORES Policy Paper, no. 5, Stockholm.

Edquist, Harald (2010), "Vilken betydelse har imateriella investeringar för den svenska ekonomin?" (How important are investment in intangibles for the Swedish economy?), Working Paper 2010:16, Swedish Agency for Growth Policy Analysis, Östersund.

Lundgren, Stefan, Behrenz, Lars, Edquist, Harald and Flood, Lennart (2008), *Vägar till full sysselsättning* (Roads to full employment), SNS Konjunkturråd, SNS Förlag, Stockholm.

Edquist, Harald and Henrekson Magnus (2007), "Vad kan tidigare teknologiska genombrott lära oss om IKT revolutionen?" (Productivity effects of the ICT-revolution: Lessons from earlier technological breakthroughs), *Ekonomiska Samfundets Tidskrift*, vol. 60, pp. 51–71.

Lundgren, Stefan, Edquist, Harald and Wallgren, Arvid (2007), *Tillväxt i otakt* (Unbalanced growth), SNS Konjunkturråd, SNS Förlag, Stockholm.