

Curriculum Vitae Adam Szirmai

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Present Position: Professorial Fellow UNU-MERIT/
Professor of Development Economics, Maastricht Graduate
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Languages : Dutch, English (fluent), French, German and Hungarian (fair)

August 31 2007 - present : Professorial Fellow UNU-MERIT/
Professor of Development Economics, Maastricht Graduate
School of Governance, Maastricht University

March - August 2005 : Visiting Fellow, Economic Growth Centre, Yale University

January 1995 - January 2005 : Chair Department of Technology and Policy, Faculty of
Technology Management, Eindhoven University of
Technology.

July-August 2002 : Productivity Consultant, ILO, for Caribbean Labour Market
Project, CLMIS.

April-July 2001 : Visiting Research Fellow, School of Management and
Economics, Beijing University of Aeronautics and
Astronautics

August-December, 2000 : Visiting Fellow, Research School of Pacific and Asian
Studies, Australian National University

June 1998-September 2000 : Scientific Director, Eindhoven Centre for Innovation Studies

September 1994-August 2007 : Professor of Technology and Development Studies, Faculty of
Technology Management, Eindhoven University of
Technology

April 1994 and April 1996 : Visiting Research Fellow, School of Management, Beijing
University of Aeronautics and Astronautics.

June 1993 : Visiting Researcher, Faculty of Economics, Universitas
Indonesia.

May 1993 : Visiting Researcher, Research School of Pacific Studies,
Australian National University

1989 - 1994 : Associate professor of Development Economics,
Department of Economics, University of Groningen

1986 : Doctoral Dissertation accepted 'cum laude' in the Department
of Social Sciences of the University of Groningen. Title of
dissertation: "Inequality Observed, A Study of Attitudes
towards Income Inequality"

1983 - 1989 : Assistant professor of Development Economics, Department
of Economics, University of Groningen

1982 - 1983 : Assistant professor of Economic Sociology, Department of
Economics, University of Groningen

1981 - 1982 : Research Fellow at the Netherlands Institute for Advanced
Studies in Humanities and the Social Sciences (NIAS)

1977 (July) : post-doctoral courses in statistics at Essex University, England
(Essex Summer School in Social Science Data analysis and
Collection)

1975 - 1981 : Assistant professor of Economic Sociology, Department of
Economics, University of Groningen

1970 - 1974 : employed as student assistant at the Sociological Institute,
University of Amsterdam

1967 - 1974 : studied Sociology, University of Amsterdam (doctoral exam
"cum laude")

1965 - 1967 : studied Law at the University of Amsterdam (candidates
exam)

1964 - 1965 : studied Economics, American history and American literature
at Dartmouth College, Hanover, N.H., U.S.A. (Rufus Choate
Honours Award)

Publications

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[Link to articles in journals](#)

[Link to articles in books](#)

[Link to working papers, conference papers and other](#)

Books

Naudé, W., A. Szirmai and N. Haraguchi (eds), *Structural Change and Industrial Development in the BRICS*, Oxford University Press, July, 2015.

Szirmai, A., *Socio-Economic Development*, 2nd Revised Edition, Cambridge University Press, June 2015.

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Szirmai, A., *The Dynamics of Socio-Economic Development. An Introduction*, Cambridge, Cambridge University Press, 2005 (711 pp).

Szirmai, A. and P. Lapperre (eds), *The Industrial Experience of Tanzania*, Houndmills/ Basingstoke, Palgrave, 2001 (411 pp).

Szirmai, A., B. Verspagen and J. Halman (eds), *Innovation in Theory and Practice*, Eindhoven, Eindhoven Centre for Innovation Studies, 1999.

Szirmai, A. *Economic and Social Development. Trends, Problems and Policies*, London, New York, Prentice Hall, 1997, 483 pp (ISBN 0-13-358003-2)

Szirmai, A., *Ontwikkelingslanden - Dynamiek en Stagnatie* (Developing Countries - Dynamics and Stagnation), Groningen, Wolters-Noordhoff, Groningen, Augustus, 1994 (540 pp.).

Szirmai, A., B van Ark and D. Pilat (eds), *Explaining Economic Growth. Essays in Honour of Angus Maddison*, Elsevier/North Holland, 1993 (500 pp.)

Szirmai, A., *Inequality Observed. A Study of Attitudes towards Income Inequality*, Aldershot, Avebury Press, 1988 (550 pp.).

Work in progress and recent papers:

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Lavopa, A. and A. Szirmai, 'Structural Change as a Modernisation Process' in N. Foster-McGregor, A. Alcorta, A. Szirmai, B. Verspagen eds, *New Perspectives on Structural Change*, Oxford University Press, 2019 forthcoming.

Bluhm, R, D. de Crombrugghe and A. Szirmai, 'Do Weak Institutions Prolong Crises? On the identification, characteristics, and duration of declines during economic slumps', forthcoming in *World Bank Economic Review*, 2019.

Bluhm, R, D. de Crombrugghe and A. Szirmai, 'Poverty Accounting', *European Economic Review* 104 (2018) 237–255

Szirmai, A. and N. Foster-McGregor, *Understanding the Ability to Sustain Growth*, Groningen Growth and Development Centre, Working paper Nr. 173, Groningen, 2017.

Mensah, E. B. and A. Szirmai, *Africa Sector Database (ASD): Expansion and Update*, Groningen UNU-MERIT Working paper series, Maastricht, 2018-20.,

Mensah, E. B., S. Owusu, N. Foster-McGregor and A. Szirmai, 'Structural Change, Productivity Growth and Labor Market Turbulence in Africa', Groningen Growth and Development Centre, Research Memorandum 179, Groningen, 2018.

Cathles, A. and A. Szirmai, ["Revisiting the Relationship between Education and the Dynamics of Production: Does Vocational Education Change the Equation?"](#), paper presented at the 2018 IARIW general conference, Copenhagen, 20-25 August, 2018.

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- Szirmai, A., Book review article 'The Southeast Asian Experience. Review of the Handbook of Southeast Asian Economies' edited by Ian Coxhead, in *Asian Pacific Literature*, June 2016, pp. 139-143.
- Bluhm, R., D. de Crombrugghe, and A. Szirmai, 'The Dynamics of Stagnation: A Panel Analysis of the Onset and Continuation of Stagnation', in *Macro-Economic Dynamics*, 20 (8), December 2016, pp. 2010-45, http://journals.cambridge.org/repo_A10KYz40t5Qj5s; doi:10.1017/S1365100515000231.
- Szirmai, A. and B. Verspagen, 'Manufacturing and Economic Growth in Developing Countries, 1950-2005', *Structural change and Economic Dynamics*, 2015, pp. 46-59, <http://dx.doi.org/10.1016/j.strueco.2015.06.002>
- Naudé, W. and A. Szirmai, 'Technological Innovation, Entrepreneurship, and Development', in: *European Business Review*, September-October, 2013, pp. 51-54.
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- Rooks, G., A. Szirmai and A. Sserwanga, 'Social Capital and Innovative Performance. The Case of Ugandan Entrepreneurs', *Journal of African Economies*, 21 (4), august, 2012, pp. 609-636.
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- Wang Ling and A. Szirmai, 'Technological inputs and productivity growth in High-tech industries' *China Economic Quarterly*, Vol.7, No.3, 2009, pp. 913-932.
- Wang, Lili. and A.Szirmai, 'Productivity Growth and Structural Change in Chinese Manufacturing, 1980-2002', *Industrial and Corporate Change*, 17 (4), 2008, pp. 841-874.
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- Jacob, J. and A. Szirmai, 'International knowledge spillovers to developing countries: the case of Indonesia', *Review of Development Economics*, 11 (3), August, 2007, pp. 550-565.
- Dijk, M. van, and A. Szirmai, 'Industrial Policy and Technology Diffusion in Developing Countries: Paper Making Machinery in Indonesia, 1923-2000', *World Development*, December, **34**, No. 12, 2006, pp. 2137-2152.
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- Szirmai, A. and B. Verspagen (eds), 'Technology and the Economy', Special Issue, *Structural Change and Economic Dynamics*, **14**, 2003, pp. 361-364.
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- Szirmai, A. and D. Pilat, 'Comparisons of Purchasing Power, Real Output and Labour Productivity in Manufacturing in Japan, South Korea and the USA, 1975-85', *Review of Income and Wealth*, Series 36, Number 1, March 1990, pp. 1-31 (rewarded the John Kendrick prize for the best article in the Review in 1990).
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- Szirmai, A., Review article 'Naar een vergadermodel voor menselijk geluk', in: *Sociologische Gids*, 1983, 4, pp. 318-331.
- Szirmai, A., 'Nivelleringsethos' [The ethos of equalisation], in: J.J. Godschalk en P.L.J. Hermkens, red., *Sociologie en inkomensbeleid*, NSAV, Rotterdam, 1982, pp. 119-161.
- Szirmai, A., Review article 'Machtsnivellering of machtspolarisatie' [Decline of power differentials or power polarisation], *Sociologische Gids*, Vol. XXIX, 1982, no. 1, pp. 59-75.
- Szirmai, A., 'Nivelleringsethos. Een weerwoord' [The ethos of equalisation. A reply]: *Sociologisch Tijdschrift*, jaargang 9, nr. 3, december 1982, pp. 510-519.

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- Szirmai, A., 'Theorie als intellectueel simulatiemodel' [Theory as an intellectual simulation model], *Amsterdams Sociologisch Tijdschrift*, sept. 1978, pp. 346-368.
- Szirmai, A., 'Integratie tussen economie en sociologie' [integration between economics and sociology]: *Amsterdams Sociologisch Tijdschrift*, derde jrg. nr. 1, mei 1976, pp.89-99.
- Szirmai, A., with J. Donkers, 'Pleidooi voor reikwijdte in de Sociologie', *De Revisor*, 3 juli 1975, pp. 45-52 (Review article).
- Szirmai, A., with J. Donkers, 'Wertheim en het geloof in de vooruitgang' [Wertheim's Belief in Human Progress], *De Gids*, 1972, nr. 4, pp. 338-346 (Review article).

Articles in books (38)

- Szirmai, A., 'The Sources of Socio-Economic Development' in: G. Hooks (ed.), *The Sociology of Development Handbook*, California University Press, 2016, pp. 195-226.
- Pietrobelli, C., M. Grazzi and A Szirmai, 'Determinants of Enterprise Performance in Latin American and the Caribbean. What Does the Micro Evidence Tell Us?' in: C. Pietrobelli and M. Grazzi eds, *Firm Innovation and Productivity in Latin America and the Caribbean*, Inter-American Development Bank/Palgrave MacMillan, New York, 2016, pp. 1-36.
- Pietrobelli, C., M. Grazzi and A Szirmai, 'Innovation and Productivity in Latin American and Caribbean Firms: Conclusions', in: C. Pietrobelli and M. Grazzi eds, *Firm Innovation and Productivity in Latin America and the Caribbean*, Inter-American Development Bank/Palgrave MacMillan, New York, 2016, pp.317-324.
- Naudé, W., A. Szirmai and N. Haraguchi, 'Introduction and Overview', in W, Naudé, A. Szirmai and N. Haraguchi (eds.), *Structural Change and Industrial Development in the BRICS*, Oxford: Oxford University Press, 2015, pp. 1-25
- Naudé, W., A. Szirmai and N. Haraguchi, 'Conclusion', in W. Naudé, A. Szirmai and N. Haraguchi (eds.), *Structural Change and Industrial Development in the BRICS*, Oxford: Oxford University Press, 2015, pp. 457-466.
- Naudé, W., A. Szirmai and A. Lavopa, 'Industrialisation and Technological Change in the BRICS. The Role of Foreign and Domestic Investment' in W. Naudé, A. Szirmai and N. Haraguchi (eds.), *Structural Change and Industrial Development in the BRICS*, Oxford Oxford University Press, 2015, pp. 324-351.
- Bluhm, R. D. de Crombrugghe and A. Szirmai, Poor Trends: The Pace of Poverty Reduction after the Millennium Development Agenda, in L. Haddad, H. Kato and N. Meisel, eds, *Growth is Dead. Long Live Growth. The Quality of Economic Growth and Why it Matters*, Tokyo, AFD, IDS and Jica, 2015, pp. 57-83
- Mupela, E. and A. Szirmai, 'Communication Costs and Trade in Sub Saharan Africa: A Gravity Approach', in: T. F. Bissyandé and G. van Stam (eds.), *e-Infrastructure and e-Services for Developing Countries*, Springer, 2014, pp. 27-38.
- Ramani, S. and A. Szirmai, 'Innovation in India: The Challenge of Combining Economic Growth with Inclusive Development', S. Ramani (ed.), *Innovation in India: Combining Economic Growth with Inclusive Development*, Cambridge University Press, 2014.
- Szirmai, A., 'Explaining Success and Failure in Economic Development' (30 pp), D.S. Prasada Rao and Bart van Ark, eds., *World Economic Performance. Past, Present and Future*, Edward Elgar, 2013, chapter 9, pp. 227-267.
- Szirmai, A., W. Naudé and L. Alcorta, Introduction and Overview: The Past, Present and Future of Industrialization'', in A. Szirmai, W. Naudé and L. Alcorta (eds), *Pathways to Industrialisation in the 21st Century, New Challenges and Emerging Paradigms*, Oxford, Oxford University Press, April 2013, Chapter 1, pp.3-50.

- Szirmai, A., 'Manufacturing and Economic Development', in A. Szirmai, W. Naudé and L. Alcorta (eds), *Pathways to Industrialisation in the 21st Century, New Challenges and Emerging Paradigms*, Oxford, Oxford University Press, April 2013, Chapter 2, pp. 53-75.
- Naudé, W. and A. Szirmai, 'Pathways to Industrialization: Summary and Overview', in A. Szirmai, W. Naudé and L. Alcorta (eds), *Pathways to Industrialisation in the 21st Century, New Challenges and Emerging Paradigms*, Oxford, Oxford University Press, April 2013, Chapter 16, pp.415-428.
- Wang, L. and A. Szirmai, 'Regional Productivity Trends in Chinese Manufacturing', in Harry X. Wu, Xianchun Xu, Ximing Yue and Shi Li (eds.), *Growth, Productivity and Income Distribution - Macro- and Micro-Measurement Issues in Transition Economies*, Beijing: Peking University Press, 2011 (in Chinese with English title), pp. 130-164.
- Szirmai, A., W. Naudé and M. Goedhuys, 'Entrepreneurship, Innovation and Development. An Overview', in A. Szirmai, W. Naudé and M. Goedhuys (eds), *Entrepreneurship, Innovation and Development*, Oxford University Press 2011, pp. 3-32.
- Rooks, G., A. Szirmai and A. Sserwanga, 'The Interplay of Human and Social Capital in Entrepreneurship in Developing Countries. The Case of Uganda', Wim Naudé, *Entrepreneurship and Development*, Palgrave, 2011.
- Szirmai, A., Explaining Success and Failure in Development, Inaugural Lecture, University Of Maastricht, February, 2008, ISBN,
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- Bongenaar, B. and A. Szirmai, 'The Role of a Research and Development Institute in the Development and Diffusion of Technology', in: M.P. van Dijk and H. Sandee (eds) *Innovation in Small Industry in the Third World*, Elgar, 2002, pp. 249-279.
- Szirmai, A., M.P. Timmer and R. van der Kamp, 'Growth of the Capital Stock and Technological Change in the Indonesian Textile Industry', in: J. Th. Lindblad, ed., *Asian Growth and Foreign Capital, Case Studies from Eastern Asia*, Amsterdam, Netherlands Economic Historical Archive (NEHA)/Aksant Academic Publishers, 2002, pp.153-182.
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- Szirmai, A., 'Technologie als drijvende kracht in ontwikkeling' [Technology as a driving force in development], in: J.J.F. Heins en G.D. Thijs (red), *Ontwikkelingsvraagstukken 2000+*, Themabundel Ontwikkelingsproblematiek Nr. 11, Vrije Universiteit Amsterdam, ISBN 90-73418-07-0, 2000.
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- Lavopa, A. and A. Szirmai, *Industrialisation in Time and Space*, UNU-MERIT Working Paper 2015-039
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