

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.

Szirmai, A., W. Naudé and L. Alcorta (eds), *Pathways to Industrialisation in the 21st Century, New Challenges and Emerging Paradigms*, Oxford, Oxford University Press, April 2013

Szirmai, A., W. Naudé and M. Goedhuys (eds), *Entrepreneurship, Innovation and Development*, Oxford, Oxford University Press, 2011.

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:

Lavopa, A. and A. Szirmai, 'Structural Modernization and Underdevelopment Traps. An Empirical Approach', *World Development* 112 (2018) 59–73.

Bluhm, R, D. de Crombrugghe and A. Szirmai, Do Weak Institutions Prolong Crises? On the identification, characteristics, and duration of declines during economic slumps", under review at the *World Bank Economic Review*.

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.

Journal Articles (44)

1. Lavopa, A. and A. Szirmai, 'Structural Modernization and Underdevelopment Traps. An Empirical Approach', *World Development* 112 (2018) 59–73.
2. Bluhm, R., D. de Crombrugghe and A. Szirmai, 'Poverty Accounting', *European Economic Review* 104 (2018) 237–255
3. Wang, L., H. Meijers and A. Szirmai, 'Technological Spillovers and Industrial Growth in Chinese Regions', *Industrial and Corporate Change*, 2017; Vol. 26, No.2, pp: 233-257, doi: 10.1093/icc/dtw022.
4. 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.
5. 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.
6. 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>
7. Naudé, W. and A. Szirmai, 'Technological Innovation, Entrepreneurship, and Development', in: *European Business Review*, September-October, 2013, pp. 51-54.
8. Wang, L. and A. Szirmai, 'The Unexpected Convergence of Regional Productivity in Chinese Industry, 1978-2005', *Oxford Development Studies*, 49 (1) 2013, pp. 29-53. <http://dx.doi.org/10.1080/13600818.2012.756464>
9. 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.
10. Wang, L. and A. Szirmai, 'Capital Inputs in the Chinese Economy: Estimates for the Total Economy, Industry and Manufacturing', *China Economic Review*, 23 (1), March, 2012 pp. 81-104, <http://dx.doi.org/10.1016/j.chieco.2011.08.002>
11. Szirmai, A, 'Industrialisation as an Engine of Growth in Developing Countries, 1950-2005', *Structural Change and Economic Dynamics*, 23 (4), December 2012, pp. 406-20, <http://www.sciencedirect.com/science/article/pii/S0954349X1100018X>
12. Van Dijk, M., and A. Szirmai, 'The Micro-Dynamics of Catch Up in Indonesian Paper Manufacturing: An International Comparison of Plant-Level Performance', *Review of Income and Wealth*, 57 (1), March 2011, pp. 61-83.
13. 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.
14. 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.
15. Kesidou, E. and A.Szirmai, 'Local knowledge spillovers, innovation and export performance in developing countries: empirical evidence from the Uruguay software cluster', *The European Journal of Development Research*, Volume 20 (2), June 2008 , pages 281 - 298.
16. 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.
17. 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.

18. Dijk, M. van, and A. Szirmai, 'Technical Efficiency and Embodied Technical Change in the Indonesian Pulp and Paper Industry', *Journal of International Development*, **18**, 2006, pp. 163-178, .
19. Jonker, M., H. Romijn and A. Szirmai, 'Technological Effort, Technological Capabilities and Economic Performance in Manufacturing in Developing Countries', *Technovation*, **26**, 2006, pp. 121-134.
20. Wang, L and A. Szirmai, 'Comparative Analysis of Capital Productivity in China's High-Tech Industries', *China and World Economy*, Vol.13, No.2 March - April 2005
21. Szirmai, A. and B. Verspagen (eds), "Technology and the Economy", Special Issue, *Structural Change and Economic Dynamics*, **14**, 2003, pp. 361-364.
22. Szirmai, A. and B. Verspagen, "Introduction", in A. Szirmai and B. Verspagen (eds), "Special Issue on Technology and the Economy", *Structural Change and Economic Dynamics*, **14**, 2003, pp. 361-364.
23. Szirmai, Adam, Bai, Manyin and Ren, Ruoan, 'Labour Productivity Trends in Chinese Manufacturing, 1980-99', *China Economic Quarterly*, 1 (4), July, 2002, pp. 863-881 (in Chinese).
24. Szirmai, A., M. Timmer and R. van der Kamp, 'Measuring Embodied Technological Change in Development. The Core Machinery Approach', *Journal of Development Studies*, **39**, (2), December 2002, pp. 155-177..
25. Brink, J. van den, and A. Szirmai, 'The Tanzanian Scrap Cycle', *Technovation*, **22**, 2002, pp. 187-197.
26. Timmer, M.P and A. Szirmai, 'Productivity in Asian Manufacturing: The Structural Bonus Hypothesis Examined' *Structural Change and Economic Dynamics*, **11**, 2000, pp. 371-92.
27. Szirmai, A. and R. Ren, 'Comparative Performance in Chinese Manufacturing, 1980-92', *China Economic Review*, 11 (1), 2000, pp. 16-53.
28. Timmer, M. and A. Szirmai, 'Comparative Productivity Performance in Manufacturing in South and East Asia, 1960-93', *Oxford Development Studies*, **27**, No. 1., 1999, pp. 57-79.
29. Shepherd, W.F., A. Szirmai and D.S. Prasada Rao, 'Indonesian Manufacturing Sector Output and Productivity: An Australian Comparative Perspective, 1975-1990', *Bulletin of Indonesian Economic Studies*, September 1998.
30. Szirmai, A., 'Real Output and Labour Productivity in Indonesian Manufacturing, 1975-1990', *Bulletin of Indonesian Economic Studies*, 30(3), August, 1994, pp. 49-90.
31. 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).
32. Szirmai, A., Social Stratification and Social Coordination, *Sociologisch Tijdschrift*, 1986, vol. 12, nr. 4, February 1986, pp. 710-752.
33. Szirmai, A., 'How do we Really Feel about Income Equalization', *The Netherlands Journal of Sociology*, vol. 20, no. 2, October 1984, pp. 115-133.
34. Szirmai, A., 'Wat vinden wij werkelijk van de inkomensnivellering? [How do we Really Feel about Income Equalization]', *De Gids*, jrg. 146, nr. 2/3, 1983, pp. 143/156.
35. Szirmai, A., Review article 'Naar een vergadermodel voor menselijk geluk', in: *Sociologische Gids*, 1983, 4, pp. 318-331.
36. 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.
37. Szirmai, A., Review article 'Machtsnivellering of machtpolarisatie [Decline of power differentials or power polarisation]', *Sociologische Gids*, Vol. XXIX, 1982, no. 1, pp. 59-75.
38. Szirmai, A., 'Nivelleringsethos. Een weerwoord [The ethos of equalisation. A reply]: *Sociologisch Tijdschrift*, jaargang 9, nr. 3, december 1982, pp. 510-519.
39. Szirmai, A., 'Nivelleringsethos. Opvattingen over inkomensongelijkheid [The ethos of equalisation]', *Sociologisch Tijdschrift*, jaargang 9, nr. 2, oktober 1982, pp. 175-211.

40. Szirmai, A., Matigingsbereidheid en het dilemma der gevangenen [attitudes towards wage moderation and the prisoners' dilemma], *Economisch Statistische Berichten*, 23-9-1981, pp. 912-919.
41. Szirmai, A., Theorie als intellectueel simulatiemodel [Theory as an intellectual simulation model], *Amsterdams Sociologisch Tijdschrift*, sept. 1978, pp. 346-368.
42. Szirmai, A., Integratie tussen economie en sociologie [integration between economics and sociology]: *Amsterdams Sociologisch Tijdschrift*, derde jrg. nr. 1, mei 1976, pp.89-99.
43. Szirmai, A., with J. Donkers, Pleidooi voor reikwijdte in de Sociologie, *De Revisor*, 3 juli 1975, pp. 45-52 (Review article).
44. 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 Crombrugge 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. Bisschandé 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,
- Szirmai, A. and R. Ren, *Measuring Labour Productivity in Chinese Manufacturing: Statistical Problems and Solutions*, B. Pant, ed., *National Accounts of the People's Republic of China. Measurement Issues, Recent Developments and the Way Forward*, Asian Development Bank, 2007, pp. 58-113.
- Ren, R. and A. Szirmai, 'Evaluation of Chinese Growth Rates for Manufacturing GDP', in Yue Ximing, Zhang Shguang, Xu Xianchun (eds), *The Growth Rate of the Chinese Economy, Research and Discussion*, Beijing, Citic Publishing House, 2005, pp. 211-226 (in Chinese).
- 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.
- Szirmai, A. and P.E. Lapperre, 'Introduction', in: A. Szirmai and P. Lapperre (eds), *The Industrial Experience of Tanzania*, Houndmills/ Basingstoke, Palgrave, 2001, pp. 1-8.
- Engelen, D. van, A. Szirmai, P.E. Lapperre, "Public Policy and the Industrial Development of Tanzania, 1961-1995", in; A. Szirmai and P. Lapperre (eds), *op. cit.* 2001, pp. 11-49.
- Szirmai, A., M. Prins and W. Schulte, "Measuring Manufacturing Performance in Tanzania, in A. Szirmai and P. Lapperre (eds), *op. cit.* 2001, pp. 73-113.
- Bongenaar, B. and A. Szirmai, The Role of a Research and Development Institute in the Development and Diffusion of Technology: The Case of TIRDO, in; Szirmai and Lapperre (eds), *op. cit.*, pp. 171-193.
- 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.
- Halman, J, A. Szirmai and B. Verspagen (1999), 'Innovation Studies. An Integrated View', in: A. Szirmai, J. Halman, B. Verspagen (eds), *op. cit.*, pp. 9-27.
- Kamp, R. v.d., A. Szirmai, and M. Timmer, 'The Role of Technology in the Indonesian Textile Industry', in: H. Hill and Thee Kian Wie (eds), *Indonesia's Technological Challenge*, Institute of South East Asian Studies/ Research School of Pacific and Asian Studies, Canberra/Singapore, 1998, pp. 279-302.

- Szirmai, A. and Ren, R., 'Chinese Manufacturing in Comparative Perspective', in : M. Fouquin and F. Lemoine, eds., *The Chinese Economy*, London, Economica, 1998, pp. 49-64.
- Szirmai, A., 'De tegenstrijdigheden van Arthur Lewis' [The Contradictions of Arthur Lewis], in: B. van Heerikhuizen (ed.), *Buitenstaanders, Opstellen aangeboden aan Piet Nijhoff*, Spinhuis, 1997.
- Szirmai, A., and Ren, Ruoan, 'The Estimation of China's GDP in ICOP framework' in: Ren Ruoan, *China's Economic Performance in International Perspective*, OECD Development Centre, Paris, 1997.
- Szirmai, A., and Ren, Ruoan, 'Assessing Growth Rates in China', in: Ren Ruoan, *China's Economic Performance in International Perspective*, OECD Development Centre, Paris, 1997 .
- Szirmai, A., Ontwikkelingslanden in de industriële wedloop (Developing Countries in the Industrial Race), Inaugural lecture, Eindhoven University of Technology, January, 1997 (31 pp.).
- Szirmai, A., with D.S. Prasada Rao, B. Shepherd and G. de Jong, *Manufacturing Sector Output and Productivity in Indonesia: An Australian Comparative Perspective, 1975-90*, COPPAA Series No 2, Centre for the Study of Australian Asian Relations, Griffiths University, 1995.
- Szirmai, A., 'Introduction', in: A. Szirmai, B. van Ark and D. Pilat (eds.), *op. cit.*, 1993, pp. 1-35.
- Szirmai, A., 'Comparative Productivity in Manufacturing. A Case Study for Indonesia', in: A. Szirmai, B. van Ark and D. Pilat (eds.), *op. cit.*, 1993, pp. 217-239.
- Szirmai, A., 'Explaining Variation in Attitudes towards Income Inequality', in: R. Vermunt and A. Steensma eds., *Social Justice in Human Relations*, Vol. 2., Leiden, 1991, New York, Plenum press, 1991, pp. 229-268.
- Szirmai, A., 'Impressions of a Symposium', in T. Huppel, ed., *Economics and Sociology. Towards an Integration*, Leiden, Stenfert Kroese, 1977.

Working Papers/Reports/Book Reviews/ Conference Papers/Policy briefs (122)

- 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. Szirmai, A. and N. Foster-McGregor, Understanding the Ability to Sustain Growth, Groningen Growth and Development Centre, Working paper Nr. 173, Groningen, 2017.
- Bluhm, R., D. de Crombrughe and Adam Szirmai, Poverty Accounting. A Fractional Response Approach to Poverty Decomposition, ECINEQ working paper series, 216-413, October 2016.
- Naudé, W., A. Szirmai and N. Haraguchi, Structural Transformation in Brazil, Russia, India, China and South Africa (BRICS), UNU-MERIT Working Paper Series, #2016-016.
- Castillo, J. and A. Szirmai, *Mexican Manufacturing and its Integration in Global Value Chains*, UNU-MERIT Working Paper Series, #2016-001.
- Foster-McGregor, I. Kaba. and A. Szirmai, *Structural Change and the Ability to Sustain Economic Growth*, UNIDO/UNU-MERIT background papers for the UNIDO, Industrial Development Report 2016: IDR 2016 WP 11, UNU-MERIT Working Paper Series, #2015-48.
- Grazzi, M., C. Pietrobelli and A. Szirmai, 2015, *The Performance of Firms in Latin America and the Caribbean: Microeconomic Factors and The Role of Innovation*, UNU-MERIT Working Paper #2015-041
- Lavopa, A. and A. Szirmai, *Industrialisation in Time and Space*, UNU-MERIT Working Paper 2015-039
- Broich, T., A. Szirmai and K. Thomsson, *Precolonial Centralisation, Foreign Aid and Modern State Capacity in Africa*, UNU-MERIT Working Paper [2015-025](#)
- Lavopa, A. and A. Szirmai, *Structural Modernisation and Underdevelopment Traps. An Empirical Approach*, UNU-MERIT Working Paper Series, 2014-076.
- Broich, T. and A. Szirmai, *China's Economic Embrace of Africa - An International Comparative Perspective*, UNU-MERIT Working Paper Series 2014-049, 2014
- Bluhm, R., D. de Crombrughe and Adam Szirmai, Poor Trends. The Pace of Poverty Reduction after the Millennium Development Agenda, UNU-MERIT Working Paper Series, #2014-006, 2014.

- Szirmai, A., *Institutions and Economic Growth: Summary and Synthesis*, UNU-MERIT Working Paper Series, 2013-70.
- Bluhm, R. D. de Crombrugghe and A. Szirmai (2013) *Do Weak Institutions Prolong Crises? On the Identification, Characteristics, and Duration of Declines during Economic Slumps*, Maastricht, UNU-MERIT Working Paper Series, 2013-069. Also published as CESifo Working Paper No. 4594 (January 2014)
- Szirmai, A, M. Gebreyesus, F. Guadagno and B. Verspagen, *Promoting Productive Employment in Sub-Saharan Africa*, UNU-MERIT Working Paper Series, 2013-062.
- Bluhm, Richard, Denis de Crombrugghe & Adam Szirmai, *The pace of poverty reduction - A fractional response approach*, UNU-MERIT Working Paper [2013-051](#), October 2013.
- Naudé, W. and A. Szirmai, *Industrial Policy for Development*, UNU-WIDER Policy brief, Number 2, 2013, UNU.
- Wang, Lili, H. Meijers and A. Szirmai, *Technological Spillovers and Industrial Growth in Chinese Regions*, UNU-MERIT Working Paper Series, 2013-044.
- Naudé, Wim & Szirmai, Adam & Lavopa, Alejandro, 2013. '[Industrialization Lessons from BRICS: A Comparative Analysis](#)', [IZA Discussion Papers](#) 7543, Institute for the Study of Labor (IZA).
- UNIDO, *Structural Change, Poverty Reduction and Industrial Policy in the BRICS*, edited by A. Szirmai, W. Naudé and Nobuya Haraguchi, Vienna, Unido, November 2012 (179 pp).
- Naudé, W., A. Szirmai and A. Lavopa, *Industrialization and Technological Change in BRICS: The Contribution of Multinational Enterprises and Domestic Investment*, Report prepared for the UNIDO project: "The Untold Story: Structural Change for Poverty Reduction – the Case of the BRICS", 21 December 2012 (60 pp.).
- Lavopa, A. and A. Szirmai, *Industrialization, Employment and Poverty*, Report prepared for the International Finance Corporation, November 2012 (63 pp.). Published as: UNU-MERIT working paper #2012-81, December 2012.
- Mupela, E. and A. Szirmai, *Communication Costs and Trade in Sub-Saharan Africa*, UNU-MERIT, working Paper Series, 2012-060, August 2012.
- Lavopa, A. and A. Szirmai, *Manufacturing Growth, Manufacturing Exports and Economic Development, 1960-2010*, paper presented at the 14th International Schumpeter Society Conference, Brisbane, Australia, July 2-5, 2012.
- Szirmai, A. M. Iizuka, M. Rehm and E. In de Braek, *Evaluation Report, Design and Evaluation of Innovation Policy in a Developing Country Context*, UNU-MERIT, June 2012.
- Naudé, W. and A. Szirmai, *The importance of manufacturing in economic development: Past, present and future perspectives*, UNU-MERIT, Working Paper Series, 2012, 41, May 2012.
- Szirmai, A, *Proximate, Intermediate and Ultimate Causality: Theories and Experiences of Growth and Development*, (Working Papers on Institutions and Economic Growth: IPD WP01), UNU-MERIT Working Paper Series, 2012-32 (IPD WP09), May 2012, 76 pp.
- Bluhm, R. and A. Szirmai, *Institutions and Long-Run Growth Performance*, (Working Papers on Institutions and Economic Growth: IPD WP02), UNU-MERIT Working Paper Series, 2012—033 (IPD WP02), May 2012, 89 pp.
- Bluhm R., D. De Crombrugghe and A. Szirmai, *Explaining the Dynamics of Stagnation: An empirical examination of the North, Wallis and Weingast approach* (Working Papers on Institutions and Economic Growth), UNU-MERIT Working Paper Series, 2012-40/IPD WP09, May 2012

- Szirmai, A, *Manufacturing and Economic Development*, UNU-WIDER, Working Paper No. 2011/75, November, 2011.
- Szirmai, A. and B. Verspagen, *Manufacturing and Economic Growth in Developing Countries, 1950-2005*, UNU-MERIT Working Paper Series, 2011-069.
- Szirmai, A, *Angus Maddison and Development Economics*, UNU-MERIT Working Paper Series, #2011-035.
- Bluhm, R. and A. Szirmai, *Institutions, Inequality and Growth: A Review of Theory and Evidence on the Institutional Determinants of Growth and Inequality*, UNICEF, Innocenti Research Centre working paper, IWP-2011-02.
- Lavopa, A. and A. Szirmai, *The Impact of Sectoral Heterogeneities in Economic Growth and Catching Up: Empirical Evidence for Latin American Manufacturing Industries*, paper for the Globelics conference, Argentina, November 2011.
- Naudé, W. and A. Szirmai, *The Entrepreneurship-Innovation Nexus in Development*, feature article, WIDER ANGLE, March, 2011 http://www.wider.unu.edu/publications/newsletter/articles-2011/en_GB/03-2011/.
- Naudé, W., A. Szirmai and M. Goedhuys, *Innovation and Entrepreneurship in Developing Countries*, Policy Brief, UNU-WIDER, 2011-1, United Nations University, 2011.
- Vertesy, D. and A. Szirmai, *Interrupted Innovation. Innovation System Dynamics in Latecomer Aerospace Industries*, UNU-MERIT Working Paper Series, 2010, 59. November 2010.
- Mirza, B. and A. Szirmai, *Rural Pakistan Lends Insight on Energy Poverty*, United Nations University, Our World 2.0, 12 November, 2010, <http://ourworld.unu.edu/en/rural-pakistan-lends-insight-on-energy-poverty/>
- Szirmai, A, *Angus Maddison and Development Economics*, Paper prepared for the Angus Maddison Memorial Conference, IISG, Amsterdam, 6-7 November 2010,
- Szirmai, A and B. Verspagen, *Is Manufacturing still an Engine of Growth in Developing Countries?*, Paper for the Schumpeter Conference 2010, Aalborg, 21-24 June/Paper for the 31st General Conference of the International Association for Research in Income and Wealth, St Gallen, Switzerland, 22-27 August, 2010.
- Vertesy D. and A. Szirmai, *Brazilian Aerospace Manufacturing in Comparative Perspective: A Brazil/USA Comparison of Output and Productivity*, UNU-MERIT Working Paper Series, 2010-032, Maastricht, 2010
- Crombrughe, D. de, K. Farla, N. Meisel, C. de Neubourg, J. Ould Aoudia and A. Szirmai (2010). 'Institutional Profiles Database III, Presentation of the Institutional Profiles Database 2009 (IPD 2009)', *AFD Working Paper No. 89*, Agence Française de Développement, Paris.
- Mirza, B. and A. Szirmai, *Towards a New Measure of the Energy Poverty: A Cross Community Analysis of Rural Pakistan*, UNU-MERIT Working Paper Series, 2010-024, Maastricht, 2010.
- Szirmai, A, *Is Manufacturing Still the Main Engine of Growth in Developing Countries?*, WIDER Angle Newsletter, May, 2009.
- Szirmai, A., *Is Manufacturing Still the Main Engine of Growth in Developing Countries?*, UNU-MERIT, Working Papers, 2009-10, Maastricht, 2009
- Rooks, G., A. Szirmai and A. Sserwanga, *The Interplay of Human and Social Capital in Entrepreneurship in Developing Countries. The Case of Uganda*, WIDER Research Paper No.2009/09, Helsinki, 2009.
- Rooks, G., A. Szirmai and A. Sserwanga, *Social Capital and Innovative Performance in Developing Countries*, Paper for the Globelics Conference, 4-7 October, Dakar, 2009.

- Kesidou, E. & A. Szirmai Local Knowledge Spillovers, Innovation and Economic Performance in Developing Countries: A discussion of alternative specifications, UNU-MERIT working paper, 2008-033.
- Wang, L, and A. Szirmai, Regional Capital Inputs in Chinese Industry and Manufacturing, 1978-2003, UNU-MERIT, Working Paper, 2008-028, Maastricht, 2008 (44 pp.), also published as Groningen Growth and Development Centre, Working Paper, GD-99, Groningen, 2008.
- Szirmai, A, Explaining Success and Failure in Development, UNU-MERIT Working Paper, 2008-013, Maastricht 2008 (46 pp.), also published as Inaugural lecture, Maastricht University, Maastricht 2008.
- Kesidou, E, and A. Szirmai, Local Knowledge Spillovers, Innovation and Economic Performance in Developing Countries Empirical Evidence from the Uruguay Software Cluster, Paper for UNU-MERIT conference on: “*Micro Evidence on Innovation in Developing Economies*” Maastricht (Netherlands), May 31 & June 1, 2007.
- Van Dijk, M., and A. Szirmai, The Micro-Dynamics of Catch Up in Indonesian Paper Manufacturing: An International Comparison of Plant-Level Performance , UNU-MERIT, Working Paper, 2007-10.
- Szirmai, A. *Explaining Success and Failure in Development. The Developing World during the Post War Period and Outlook to 2030*, paper for the Conference World Economic Performance, Past, Present and Future, Groningen, October, 2006.
- Dijk, M. van, and A. Szirmai, The Micro-Dynamics of Catch Up in Indonesian Paper Manufacturing: An International Comparison of Plant-Level Performance, Paper prepared for the Globelics Conference Innovation Systems for Competitiveness and Shared Prosperity in Developing Countries October 4-7. 2006, Trivandrum, Kerala, India
- Jacob, J. and S. Szirmai, International Knowledge Spillovers to Developing Countries. The Case of Indonesia, Paper for the 2006 Intermediate Input-Output Meeting, Sendai, July, 26-28, 2006
- Wang, Lili, and A. Szirmai, Productivity Growth and Structural Change in Chinese Manufacturing, 1980-2002, Paper for the 11th Conference of the International Schumpeter Society, Sophia Antipolis, 21-24 June, 2006.
- Jacob, J. and A. Szirmai, International Trade and Knowledge Spillovers: The Case of Indonesian Manufacturing, ECIS working paper, 2006-1, Eindhoven, 2006.
- Szirmai, A, R. Ren and M. Bai, Chinese Manufacturing Performance in Comparative Perspective, 1980-2002, Yale Economic Growth Center, Discussion Paper No. 920, July, 2005.
- Dijk, M. van and A. Szirmai, Exploring The Micro Dynamics of Catch Up in Indonesian Paper Manufacturing. An International Comparison of Plant Level Performance using Census Data, paper presented at the Conference: The Measurement and Analysis of Innovation and Productivity Growth, Groningen, 10-11 November, 2005.
- Szirmai, A., Book review of Th. J. Misa, Ph. Brey and A. Feenberg (eds), *Modernity and Technology*, The MIT Press, Cambridge Mass., 2003, in *Development and Change*, May, 2005, p. 608-610.
- Szirmai, A, R. Ren and M. Bai, China in the Structure of World Manufacturing, Paper prepared for the conference Transition, Growth and Globalisation. An International Conference on the Chinese Economy, Perth, 7/8 July 2005.
- Dijk, M. van, and A. Szirmai, Industrial Policy and Technology Diffusion: Evidence from Paper Making Machinery in Indonesia, ECIS Working Paper 5,15, Eindhoven 2005
- Dijk M.v. and A. Szirmai, Catch Up at the Micro-Level: Evidence from an Industry Case Study Using Manufacturing Census Data, Paper prepared for Dynamics, Economic Growth, and International Trade, DEGIT – X, Mexico City, June 3-4, 2005
- Jacob, J. and A. Szirmai, *International Knowledge Spillovers to Developing Countries: the Case of Indonesia*, Paper for the IARIW Conference, Cork, August 2004.
- Jacob, J. and A. Szirmai, Stages of Industrialisation, Export and Technology Diffusion. The Case of Indonesian Manufacturing, paper for the Schumpeter conference Milan, June, 2004.

- Dijk, M. van, and A. Szirmai, *Industrial Policy and Technology Diffusion in Developing Countries: Paper Making Machinery in Indonesia, 1923-2000*, paper for the Schumpeter conference Milan, June 2004
- Wang, L, and A. Szirmai, *Technological Inputs and Productivity Growth in China's High-Tech Industries*, ECIS Working Paper, Eindhoven, December 2003.
- Dijk, M. and A. Szirmai, Long-Run Productivity Trends at the Plant Level. Evidence from the Indonesian Pulp and Paper Industry, 1975-97, Paper presented at the 2nd Hellenic Workshop on Efficiency and Productivity Management (HEWPEM), Department of Economics, University of Patras, Greece, May 30- June 1, 2003.
- Szirmai, A., Review of Deepak Lal, *The Poverty of 'Development Economics'*, Second Revised and Expanded U.S. edition, Cambridge, Massachusetts/London, England, The MIT Press, 2000 (xx + 175 pp.), *The Record*, December 2002, pp.490-2.
- Szirmai, A., *Methodological Guidelines for Computing KILM Labour Productivity Indicators for the Manufacturing Sector and the Total Economy*. Paper prepared for the Caribbean Labour Market Information System Project (CLMIS), Eindhoven University of Technology 28 July 2002 (32 pp.)
- Francis K. Yamfwa, Adam Szirmai and Chibwe Lwamba: *Zambian Manufacturing Performance in Comparative Perspective*, ECIS working paper, 02-21, December 2002 (also published as Groningen Growth and Development Centre Working Paper, GD 53).
- Szirmai, A., M. Prins and W. Schulte, *Tanzanian Manufacturing in Comparative Perspective*, Groningen Growth and Development Centre, Working Paper GD 59, Groningen, November 2002.
- Ruoen, R., A. Szirmai and M. Bai, *How Productive is Chinese Manufacturing?* 27th General Conference IARIW, Stockholm, August 2002.
- Szirmai, A. *Methodological Guidelines for Computing KILM Labour Productivity Indicators for the Manufacturing Sector and the Total Economy*, Paper prepared for the Caribbean Labour Market Information System Project (CLMIS), Eindhoven University of Technology, mimeo, 28 July 2002 (32 pp.).
- Szirmai, Adam, Francis Yamfwa and Chibwe Lwamba, *Zambian Manufacturing in Comparative Perspective*, Working Paper GD 59, Groningen, January 2002.
- Bai, M. Ruoen, R and A. Szirmai, *A New Benchmark Comparison between China and the USA according to the ICOP approach*, School of Economics and Management, Beijing University of Aeronautics and Astronautics, Beijing, June 2002 (mimeo).
- Szirmai, A., M. Bai and Ren R., *Labour Productivity Trends in Chinese Manufacturing, 1980-99*, ECIS Working Paper, 2001.10, October 2001.
- Szirmai, A, M.P. Timmer and R. van der Kamp, "Measuring Embodied Technological Change in Indonesian Textiles: The Core Machinery Approach", Working Paper No 2001/09, working papers in Trade and Development, Division of Economics, Research School of Pacific and Asian Studies, Australian National University, September, 2001
- Szirmai, A., Bai, Manyin and Ren, Ruoen, *Labour Productivity Trends in Chinese Manufacturing, 1980-1999*, paper for the the International Conference on the Chinese Economy 'Achieving Growth with Equity', 4-6 July 2001, Beijing.
- Timmer, M.P. and A. Szirmai, *Productivity in Asian Manufacturing: The Unimportance of Structural Change*, Paper presented at the conference on Economic Growth, Trade and Technology, Eindhoven, October 3-4, 1999.
- Bongenaar, B and A. Szirmai, *The Role of a Research and Development Institute in the Development and Diffusion of Technology*, ECIS Working Paper, 09-1999.
- Szirmai, A., M. Prins and W. Schulte, *Tanzanian Manufacturing Performance in Comparative Perspective*, paper presented at the Regional International Input-Output Conference, Arusha, Tanzania, 12-18 September 1999.
- Szirmai, A, M. P. Timmer and R. van der Kamp, *Growth of the Capital Stock and Technological Change in the Indonesian Textile Industry*, Paper prepared for the International Conference on Asian Growth and Foreign Capital, Leiden, October 15-16, 1999.
- Prins, I.M. and A. Szirmai, *A Reconstruction of GDP and Employment in Tanzanian Manufacturing, 1961-1995*, Report to the Tanzanian Bureau of Statistics, Eindhoven, January, 1998 (147 pp.)
- Review of S. Wangwe, *Exporting Africa, Technology, Trade and Industrialization in Sub-Saharan Africa*, in: *Development and Change*, 29 (3), July 1998, pp. 594-95.

- Review of M. Pangestu and Yuri Sato, Waves of Change in Indonesia's Manufacturing Industry, in: *Asian Pacific Economic Literature*, Vol. 12, No. 1, May, 1998, pp. 73-75.
- Szirmai, A., Book Review of K. Hannan (ed.), *China Modernisation and the Goal of Prosperity*, Cambridge University Press, 1995, in: *De Economist*, Vol. 145, no.2, July 1997, pp. 266-67.
- Szirmai, A. and Ren, R., 'Chinese Manufacturing in Comparative Perspective', Paper presented at the CEPII international seminar on The Chinese Economy, Highlights and Opportunities, Paris, October, 1997.
- Timmer M.P and A. Szirmai, 'Australian Manufacturing Performance in International Perspective', paper presented at CSAAR seminar Asian Economies in the Twentieth Century, Griffiths University, Brisbane, November 1997.
- Timmer M. and A. Szirmai, *Growth and Divergence in Manufacturing Performance in South and East Asia*, Groningen Growth and Development Centre, Research Memorandum GD-37, Groningen, June 1997 (49. pp.).
- Szirmai, A., 'Koplopers en achterblijvers' [Leaders and Followers], in: *Europa Periodiek*, jrg. 13 nummer 1, juni 1996 (themanummer over technologie en technologiebeleid), pp. 39-40
- Timmer M. and A. Szirmai, *Growth and Divergence in Manufacturing Performance in South and East Asia*, Paper presented at the Twenty Fourth General Conference of the International Association for Research in Income and Wealth, Lillehammer, Norway, August 18-24, 1996 (45. pp).
- Ren Ruoan and A. Szirmai, 'International Competitiveness of Chinese Manufacturing Industries', Paper presented at the Twenty Fourth General Conference of the International Association for Research in Income and Wealth, Lillehammer, Norway, August 18-24, 1996
- Szirmai, A., and Ren Ruoan, 'China's Manufacturing Performance in Comparative Perspective, 1980-1992', Research Memorandum 581 (GD-20) Groningen Growth and Development Centre, Groningen, 1995 (65 pp.)
- Szirmai, A., Book Review, of F. Boekema, red., *Sociale Economie, Markten, Instutities Beleid*, Wolters Noordhoff 1993, in: *Openbare Uitgaven*, 27e jaargang, nr. 1, 1995, pp.49-51.
- Szirmai, A., Book Review of B. Burgmeier, *Social Economics. An Interdisciplinary Perspective*, in: *De Economist*, Vol. 143, No. 2, May 1995, pp. 271-273.
- Ren Ruoan and A. Szirmai, 'Chinese Manufacturing Performance', in: *Proceedings of 10th South East Asia Regional Conference of the Academy of International Business, on Asia-Pacific Business in the Year 2000*, Beijing, 1994.
- Szirmai, A. and Ren Ruoan, 'China's Manufacturing Performance in Comparative Perspective, 1980-1990', Paper Presented at the 23d Conference of the International Association for Research in Income and Wealth, New Brunswick, Canada, 22-28 August, 1994.
- Szirmai, A., *Comparative Performance in Indonesian Manufacturing, 1975-90*, Groningen Growth and Development Centre, Research Memorandum No. 538 GD-3, Groningen, August 1993.
- Szirmai, A., Bookreview of P. van Wijk, *Inkomensverdelingsbeleid in Nederland, Mens en Maatschappij*, 1993, Vol. 3, pp. 330-332.
- Szirmai, A., *Ontwikkelingsvraagstukken. Een Inleiding*, Dl. I., 2e herziene druk, Groningen, Werkgroep Ontwikkelingsvraagstukken, 1992 (205 pp.).
- Szirmai, A., 'Reflections on Research on Attitudes towards Inequality', invited paper presented at the International Colloquium on Social Justice Research, Geneva, May, 1992 (25 pp.)
- Szirmai, A., 'Comparative Productivity in Manufacturing. A Case Study for Indonesia', Paper presented at the conference Explaining Economic Growth, Groningen 1992.
- Szirmai, A., *Ontwikkelingsvraagstukken. Een Inleiding*, Dl. I., Groningen, Werkgroep Ontwikkelingsvraagstukken, 1991 (146 pp.).
- Szirmai, A., and D. Pilat, *The International Comparison of Real Output and Labour Productivity in Manufacturing: A Study for Japan, South Korea and the USA for 1975*, Research Memorandum nr. 354, Institute of Economic Research, Groningen, 1990 (140 pp. plus statistical appendices).
- Szirmai, A., Book review of E.L. Jones, *Growth Recurring; Economic Change in World History*, New York, Oxford Un. Press, 1988, in: *Journal of Economic Literature*, Vol. XXVIII, June 1990, pp. 693/4.
- Szirmai, A., Bookreview of H.J. van de Braak, *Economische Sociologie*, Van Gorcum, 1988, in: *De Economist*, Vol. 138, nr. 2, 1990, pp. 230/231.

- Szirmai, A., Book review of B. Magyar, Dunaapa'ti 1944-1958, Dokumentumszociografia, I, II & III, Muvelosde'skutato' inte'szet e's Szovetkezeti kutato' inte'zet, 1986, in: *Review of Socialist Law*, 1989, No. 1, pp. 126-128.
- Szirmai, A., Review article of C.T. Morris and I. Adelman, Comparative Patterns of Economic Development, 1850-1914, Johns Hopkins U. Press, 1988, in: *Journal of Economic History*, Sept. 1989, pp. 797-800.
- Szirmai, A., Rooms-Rode samenwerking. A review article of F.J. ter Heide, Ordening en verdeling. Besluitvorming over sociaal-economisch beleid in Nederland 1949-1958, in: *Amsterdams Sociologisch Tijdschrift*, jrg. 15, nr. 1, mei 1988, pp. 145-150.
- Szirmai, A., Een wetenschappelijke fundering van het politieke debat - het Sociaal en Cultureel Rapport 1986, in: *Socialisme en Democratie*, 1987, 5, pp. 163-167.
- Szirmai, A., Book Review of A. Köbben en J. Godschalk, Een tweedeling van de samenleving, in: *Sociologisch Tijdschrift*, 14e jrg., nr. 2, October 1987, pp. 312-316.
- Szirmai, A., with R.R. Corsel, *Productiviteit van economisch onderzoek aan universitaire instellingen 1980 - 1983*, Onderzoeksmemorandum 191, Instituut voor Economisch Onderzoek, Groningen, 1986 (54 pp.).
- Szirmai, A., *Inequality Observed. A Study of Attitudes towards Income Inequality*, Groningen, Dissertation, 1986 (534 pp.).
- Szirmai, A., 'Income Inequality and Social Conflict', Paper presented at the International Conference for Social Justice Research, Leiden, 1986 (60 pp.)
- Szirmai, A., *Income Satisfaction, Utility and Fairness. A study of the Determinants of Income Satisfaction*, Research Memorandum nr. 152, Institute of Economic Research, University of Groningen, 1984 (44 pp.).
- Szirmai, A., Book Review of T. de Bruin en A. Peper red., Arbeidsverhoudingen in Nederland, 1981, in: *Sociologische Gids*, vol. XXX, 1983, pp. 470-472.
- Szirmai, A., *Matigingsbereidheid en Nivelleringsgeneigdheid. Een onderzoek naar houdingen t.a.v. inkomensongelijkheid en inkomenspolitiek*, Onderzoeksmemorandum nr. 119, Instituut voor Economisch Onderzoek, Groningen, 1982 (150 pp.).
- Szirmai, A., Book Review of H. Top, 'De maatschappelijke kant van het ondernemen', 1978, in: *Sociologische Gids*, Vol. XXVII, 1980, nr. 4, pp. 341/2.
- Szirmai, A., 'Ontwikkeling in het Onderzoek naar Inkomenswaardering', in: VERAf. Congresbundel Post Academisch Onderwijs, Economische Faculteit, Groningen, 1978.
- Szirmai, A., E.H. Bax and Ch. de Neubourg, *Inventarisatierapport Sociologische Economie [Review Report on Sociological Economics]*, Groningen, december 1977 (208) pp.
- Szirmai, A., Book Review of Galbraith, Markten, Machten, Mensen, in: *De Economist*, 125, nr. 2, 1977, pp. 277-282.

Dissertations supervised

- Pierre van der Eng, Agricultural Growth in Indonesia since 1880, University of Groningen, 1993 (with Angus Maddison).
- Margaret Leidelmeijer, Van suikermolen tot Grootbedrijf. Technische vernieuwing in de Java-suikerindustrie in de negentiende eeuw, Eindhoven University of Technology, 1997 (with Harry Lintsen and Geert Verbong).
- Marcel Timmer, The Dynamics of Asian Manufacturing. A Comparative Perspective, 1963-1993, Eindhoven, Eindhoven University of Technology, 1999 (with Bart Verspagen and Bart van Ark).
- Michiel van Dijk, Industry Evolution and Catch Up, Eindhoven University of Technology, 2005 (with Jeffrey James).
- Jojo Jacob, International Technology Spillovers and Manufacturing Performance in Indonesia, Eindhoven University of Technology, 2006 (with Bart Verspagen).
- Efthymia Kesidou, Local Knowledge Spillovers in High Tech Clusters in Developing countries. The Case of the Uruguayan Software Cluster, Eindhoven, 2007 (with Henny Romijn).

Lili Wang, Aggregate and Regional Productivity Growth in Chinese Industry, 1978-2002, Eindhoven University of Technology, 2009.

Bilal Mirza, Energy Poverty and Rural energy Markets in Pakistan, PhD thesis, Maastricht, December 2012 (with René Kemp)

Aziz Atamanov, rural Nonfarm Employment and International Migration as Alternatives to Agricultural Employment. The Case of Kyrgyzstan, Maastricht University, 2011 (with Marrit van den Berg)

Evans Mupela, Connectivity and Growth in Sub-Saharan Africa: The Role of Satellite technology, Maastricht University, 2011 (with Adriaan van Zon)

Daniel Vertesy, Interrupted Innovation. Emerging Economies in the Structure of the Global Aerospace Industry, Maastricht University, 2011.

Fulvia Farinelli, Natural Resources, Innovation and Export Growth: the Wine Industry in Chile and Argentina, Maastricht, December 2012 (with Lynn Mytelka).

Laura Torvinen, Assessing Governance Assessments. The Case of Mozambique. Governance Assessments in the Context of Aid effectiveness Discourse, Maastricht University, November 2013.

Alejandro Lavopa, Structural Transformation and Development Traps. Can Development Traps be Avoided?, March 2015 (with Bart Verspagen).

Richard Bluhm, Growth Dynamics and Development. Essays in Applied Econometrics and Political Economy, March 2015 (with Denis de Crombrughe).

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