

Yuichi Furukawa

Professor

Faculty of Economics, Chuo University

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Date of Birth: 30 June 1977



Education

Ph.D. (Economics), Yokohama National University, September 2005

MA (Economics), Yokohama National University, March 2002

BA (Economics), Keio University, March 2000

Employment

Professor: Chuo University, 2022-present

Professor: Aichi University, 2020-2022

Professor: Chukyo University, 2017-2020

Associate Professor: Chukyo University, 2008-2017

Postdoctoral fellow: Keio University, 2006-2008.

Editorship

Associate Editor, *Economic Modelling*: September 2019-present

Managing Editor, *International Journal of Economic Theory*: December 2019-present

Other Positions

Faculty Fellow, *Research Institute of Economy, Trade, and Industry (RIETI)*: 2018-2020, 2020 (July)-present

Invited Professor, Paris Dauphine University: 2016, 2017, 2018.

Visiting Researcher, Simon Fraser University: 2012-2014, 2015 (August)

Grants

Research Grant Program of the Toyota Foundation (D17-R-0088), 2018-2019.

Grant-in-Aid for Scientific Research C (22K01405), 2022-2026

Grant-in-Aid for Scientific Research C (18K01522), 2018-2022 (expected)

Grant-in-Aid for Young Scientists B (26780126), 2014-2017

Grant-in-Aid for Young Scientists B (23730198), 2011-2013

Grant-in-Aid for Young Scientists Start-up (20830114), 2008-2009

TOYOTA Foundation, 2017

Invited Ph.D. Committee Member For

- Antonio Manuel Dias Neto, "Growth and (un)employment, a comprehensive analysis combining labour market institutions, technology, and monetary Policy," March 2016. (Faculty of Economics, University of Porto). (Also, served as a Main Discussant.)

Publications

Two-Dimensional Constrained Chaos and Industrial Revolution Cycles (with Makoto Yano), *Proceedings of the National Academy of Sciences* 120 (5), e2117497120, January 2023.

Should the Government Subsidize Innovation or Automation? (with Angus C. Chu, Guido Cozzi, and Chih-Hsing Liao), *Macroeconomic Dynamics*, forthcoming.

Rent-Seeking Government and Endogenous Takeoff in a Schumpeterian Economy (with Angus C. Chu and Xiling Wang), *Journal of Macroeconomics* 72, 103399, June 2022.

Dynamic Effects of Patent Policy on Innovation and Inequality in a Schumpeterian Economy (with Angus C. Chu, Sushanta Mallick, Pietro Peretto, and Xilin Wang), *Economic Theory* 71, 1429–1465, 2021.

Inflation, Unemployment and Economic Growth in a Schumpeterian Economy (with Angus C. Chu,

Guido Cozzi, and Haichao Fan), *Scandinavian Journal of Economics*, 123, 874–909, 2021.

Minimum Wages, Import Status, and Firms' Innovation: Theory and Evidence from China (with Angus C. Chu, Zonglai Kou, and Xueyue Liu), *Economic Inquiry* 59, 441–458, January 2021.

Novelty-Seeking Traits and Applied Research Activities (with Tat-kei Lai and Kenji Sato), *Applied Economics Letters*, 27 (11), 945–950, May 2020.

Innovation and Inequality in a Monetary Schumpeterian Model with Heterogeneous Households and Firms (with Angus C. Chu, Guido Cozzi, Haichao Fan, and Chih-Hsing Liao), *Review of Economic Dynamics* 34, 141–164, October 2019.

Tourism, Capital/Labor Inflow, and Regional Development (with Kenji Kondoh and Shigemi Yabuuchi), *International Advances in Economic Research* 25, 221–233, May 2019.

Inflation and Innovation in a Schumpeterian Economy with North-South Technology Transfer (with Angus C. Chu, Guido Cozzi, and Chih-Hsing Liao), *Journal of Money, Credit, and Banking* 51, 683–720, March 2019.

Inflation and Economic Growth in a Schumpeterian Model with Endogenous Entry of Heterogeneous Firms (with Angus C. Chu, Guido Cozzi, and Chih-Hsing Liao), *European Economic Review* 98, 392–409, 2017.

Growth and Cultural Preference for Education in China (with Angus C. Chu and Dongming Zhu), *Journal of Macroeconomics* 49, 192–202, 2016.

Unions, Innovation, and Cross-Country Wage Inequality, with Angus C. Chu and Guido Cozzi, *Journal of Economic Dynamics and Control* 64, 104–118, 2016.

Patents, R&D Subsidies and Endogenous Market Structure in a Schumpeterian Economy (with Angus

C. Chu and Lei Ji), *Southern Economic Journal*, 82, 809–825, 2016.

Leapfrogging Cycles in International Competition, *Economic Theory* 59, 401–433, 2015.

Effects of Economic Development in China on Skill-Biased Technical Change in the US, with Angus C. Chu and Guido Cozzi, *Review of Economic Dynamics* 18, 227–242, 2015.

Market Quality and Market Infrastructure in the South and Technology Diffusion, with Makoto Yano, *International Journal of Economic Theory* 10, p. 139–146, 2014.

The Struggle to Survive in the R&D Sector: Implications for Innovation and Growth, *Economics Letters* 121, 26–29, 2013.

Patentability and Knowledge Spillovers of Basic R&D (with Angus C. Chu), *Southern Economic Journal* 79, p. 928–945, 2013.

Private Defense of Intellectual Properties and Economic Growth, with Taro Akiyama and Makoto Yano, *International Journal of Development and Conflict* 1, p. 355–364, 2011.

On the Optimal Mix of Patent Instruments, with Angus C. Chu, *Journal of Economic Dynamics and Control* 35, p. 1964–1975, 2011.

Intellectual Property Protection and Innovation: An Inverted-U Relationship, *Economics Letters* 109 (2), p. 99–101, 2010.

Intellectual Property Rights and Appropriability of Innovation, with Taro Akiyama, *Economics Letters* 103 (3), p. 138–141, 2009.

The Protection of Intellectual Property Rights and Endogenous Growth: Is Stronger Always Better? *Journal of Economic Dynamics and Control* 31 (11), p. 3644–3670, November 2007.

Endogenous Growth Cycles, *Journal of Economics* 91 (1), p. 69—96, May 2007.

Indeterminacy in a Variety Expansion Model of Endogenous Growth, *Economics Bulletin* 4 (18), p. 1—7, May 2007.

Innovation, Standardization, and Imitation in the Product Cycle Model, with Taro Akiyama, *Economics Bulletin* 6 (12), October 2006, p. 1—10.

Publication (non-refereed)

Observability of Chaotic Economic Dynamics in the Matsuyama Model, with Makoto Yano and Kenji Sato. In *Dimensions of Economic Theory and Policy: Essays for Anjan Mukherji*, Krishnendu G. Dastidar, Hiranya Mukhopadhyay and Uday B. Sinha, eds., Oxford University Press, 2011.

Referee Experience

AEJ: Macroeconomics, Bulletin of Economic Research, Economics Letters, Economic Modelling, Economic Theory, European Economic Review, International Journal of Economic Theory, International Review of Economics and Finance, Japan and the World Economy, Journal of Economic Growth, Journal of Economics, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of European Economic Association, Journal of Population Economics, Mathematical Social Sciences, Metroeconomica, Review of International Economics, Singapore Economic Review

Workshop/Conference Organization

- ◆ “[The Chukyo-Kyoto International Conference on International Trade and Macroeconomic Dynamics](#)” in celebration of Professor Ronald W. Jones’s 80th birthday, 18-20 November 2011, Nagoya Urban Institute and ANA Hotel Grand Court, co-organizing with Fumio Dei and Makoto Yano.

Conference Presentations (English)

- ◆ “Is Income Inequality Always the Fellow Traveler of Average Consumption Growth? A Demand-

Side Story (with Martine Carré)," *10th International Conference "Economics of Global Interactions*, Italy, September 2019.

- ◆ "Novelty Seeking as a Market Infrastructure for Innovation and Economic Growth," *Conference on Institutions, Markets, and Market Quality - In Honor of Professor Makoto Yano on the occasion of his retirement from Kyoto University*, Kyoto University, Japan, March 8, 2018.
- ◆ "Patent Protection and International Technological Leadership," *The 2nd Bari-Chukyo Agreement One Day Workshop*, Chukyo University, Japan, March 10, 2017.
- ◆ "Social Receptivity and Innovation," with Kenji Sato, *Japan-CBS Applied Theory Workshop*, Copenhagen Business School, September 18, 2015.
- ◆ "Receptivity and Endogenous Technological Progress," with Kenji Sato, *IEFS Japan Annual Meeting*, Kyoto University, May 22, 2015.
- ◆ "Receptivity and Endogenous Technological Progress," with Kenji Sato, *Bari-Chukyo Agreement One-day Seminar*, Chukyo University, February 24, 2015.
- ◆ "Perpetual Leapfrogging in International Competition," *14th SAET Conference*, Waseda University, August 20, 2014.
- ◆ "Perpetual Leapfrogging in International Competition," *48th Annual Conference of the Canadian Economics Association*, Simon Fraser University, Vancouver, Canada, May 30, 2014.
- ◆ "Perpetual Leapfrogging in International Competition," *28th Annual Congress of the European Economic Association (EEA/ESEM 2013)*, University of Gothenburg, Sweden, August 28, 2013.
- ◆ "Chaotic Industrial Revolution Cycles and Intellectual Property Protection in an Exogenous-Endogenous Growth Model," with Makoto Yano, *67th European Meeting of the Econometric Society (EEA/ESEM 2013)*, University of Gothenburg, Sweden, August 27, 2013.
- ◆ "Technological Change and International Interaction in Environmental Policies," with Yasuhiro Takarada, *Canadian Economics Association 47th Annual Meeting (HEC Montreal)*, June 1, 2013.
- ◆ "Perpetual Leapfrogging in International Competition," *International Conference on Market Quality, Trade and Dynamics*, Kyoto (Westin Miyako Kyoto), April 8, 2013.
- ◆ "Perpetual Leapfrogging in International Competition," *WEAI 10th Biennial Pacific Rim Conference* (Keio University), March 16, 2013.
- ◆ "Perpetual Leapfrogging in International Competition and Nonlinear Equilibrium Dynamics," *87th WEAI (Western Economic Association International) Annual Conference*, Hilton San Francisco, CA,

USA, July 2, 2012.

- ◆ “Knowledge Spillovers in the Overtaking Process of National Technological Leadership,” *the Chukyo-Kyoto International Conference on International Trade and Macroeconomic Dynamics*, November 18, 2011, Nagoya Urban Institute.
- ◆ “Legal and Private Instruments for International Intellectual Property Protection,” *9th Biennial Pacific Rim Conference, Queensland University of Technology*, Brisbane, Australia, April 26, 2011.
- ◆ “Growth and Welfare Effects of Patentability and Knowledge Spillovers of Basic R&D,” *KIER—Pacific Economic Review Workshop on Economics and Economic Policies*, Kyoto, February 2011.
- ◆ “Private Incentives and International Protection for Intellectual Property Rights: A Market Quality Analysis,” *85th WEAI (Western Economic Association International) Annual Conference*, Hilton Portland, Oregon, USA, July 2010.
- ◆ “Private Incentives and International Protection for Intellectual Property Rights,” *2010 Taipei International Conference on Growth, Trade, and Dynamics*, Academia Sinica, Taipei, Taiwan, June 2010.
- ◆ “Incomplete Ownership Rights and Appropriability of Innovation: A Market Quality Analysis,” *84th WEAI (Western Economic Association International) Annual Conference*, Sheraton Vancouver Wall Centre, Canada, July 2009.

Invited Seminars (English)

- ◆ “Explaining Declining Business Dynamism: A Monetary Growth-Theoretic Approach (with Tat-kei Lai and Sumiko Niwa),” Kansai University (online), November 5, 2021.
- ◆ “Receptivity and Innovation (with Tat-kei Lai and Kenji Sato),” Paris Dauphine University, France, March 26, 2018.
- ◆ “Receptivity and Innovation (with Kenji Sato),” University of Bari, Italy, February 17, 2017.
- ◆ “Fear of Novelty and Underdevelopment Traps (with Kenji Sato),” IESEG School of Management, Paris, November 21, 2016.
- ◆ “Social Receptivity and Innovation,” with Kenji Sato, University of Porto, Portugal, March 11, 2016.
- ◆ “Social Receptivity and Innovation,” with Kenji Sato, Chonnam National University, Korea, February 26, 2016.
- ◆ “Chaotic Industrial Revolution Cycles and Intellectual Property Protection in an Exogenous-

Endogenous Growth Model," with Makoto Yano, Durham Business School, August 29, 2012.

- ◆ "Chaotic Industrial Revolution Cycles and Intellectual Property Protection in an Exogenous-Endogenous Growth Model," with Makoto Yano, Simon Fraser University, November 14, 2012.
- ◆ "Growth and Welfare Effects of Patentability and Knowledge Spillovers of Basic R&D," Shanghai University of Finance and Economics, December 15, 2010.

Invited Seminars (Japanese)

Aoyama Gakuin University, Chuo University, Doshisha University, Hitotsubashi University, Keio University, Kobe University, Kyoto University, Nagoya City University, Osaka University, Waseda University, Yokohama National University

Professional Affiliations

European Economics Association, Japanese Economic Association, IEFS Japan, Nagoya International Economics Study Group (NIESG),