



藤原孝男教授

藤原孝男教授 略歴・研究業績目録

ふじわらたかお
藤原孝男

昭和 30 (1955) 年 5 月 19 日生まれ

学 歴

1978 年 3 月 愛知大学法経学部経済学科卒業 (経済学士)
1981 年 3 月 名古屋大学大学院経済学研究科経営学専攻博士前期課程修了 (経済学修士)
1984 年 3 月 名古屋大学大学院経済学研究科経営学専攻博士後期課程単位取得退学
1994 年 3 月 博士 (経済学) 取得 (名古屋大学)

職 歴

1984 年 4 月 名古屋大学経済学部助手
1985 年 4 月 愛知大学法経学部経営学科 (現・経営学部) 専任講師
1987 年 4 月 愛知大学法経学部経営学科 (現・経営学部) 助教授
1997 年 4 月 愛知大学経営学部教授
1998 年 4 月 豊橋技術科学大学人文・社会工学系 (現・総合教育院) 教授

在外研究

1987 年 8 月 University of North Carolina at Chapel Hill 客員研究員
～ 1989 年 7 月
2002 年 7 月 文科省在外研究員 (創造開発研究: 英 Univ. of Cambridge・仏 NCSR・独 TUHH・瑞 (スウェーデン)
～ 8 月 Luleå Univ. of Technology・西 EADA)

受 賞

2002 年 7 月 Best Paper Award: Biomangement & Environmental Management Stream (ANZAM-IFSAM)
1994 年 1 月 経営科学文献賞 (社団法人日本経営協会: 博士論文)
1986 年 3 月 永井学術賞 (財団法人永井科学技術財団)
1978 年 3 月 法経学会賞 (愛知大学法経学会: 卒業論文)

学会・社会活動

2009 年 10 月 研究・技術計画学会 (現 研究・イノベーション学会) 評議委員 (現在に至る)
2003 年 10 月 Society for Global Business & Economic Development: Regional Coordinator (現在に至る)
2002 年 8 月 豊田市産業振興委員会委員 (2019 年 9 月まで)

教育・研究活動

- 1) JSPS 外国人特別研究員サマープログラム: 博士後期課程院生への研究指導
(ア) 2001 年 7～8 月: Technical University of Hamburg-Harburg から Mr. Christian Müller
(イ) 2015 年 7～8 月: Leeds University Business School から Mr. Lutz Alexander Brusche
- 2) JST さくらサイエンス A: 2015 年 11 月 15 日 (過去 5 年間各 1 週間) Indian Institute of Science (IISc), Dept. of Management Studies から院生各 10 名
- 3) JSPS-ICSSR 2 国間セミナー
(ア) IISc にて開催: 日本側代表 2017 年 5 月
(イ) 本学で開催: 日本側代表 (提携先は IISc) 2018 年 8 月

- 4) IISc との MOU 締結 2018 年 4 月
- 5) スズキ財団助成ポスドク：IISc から Dr. Gaurav Dilip Tikas (2018 年 4 月から 1 年間)
- 6) 文科省 EDGE-NEXT 本学プログラムの企画・設立 2017 年 10 月

最近の主要論文

1. Nyein Nyein Aye & FUJIWARA, Takao, (2019) Analysis on the Trade-off between a Hydro-power Project and Other Alternatives in Myanmar, *Asian Journal of Innovation and Policy* 8 (1) : 31-57.
2. FUJIWARA, Takao & Bala Subrahmanya M H, (2018) Editorial: Entrepreneurial Ecosystems for Tech Start-Ups in India and Japan II, *Asian Journal of Innovation and Policy* 7 (3) : 457-460.
3. FUJIWARA, Takao, (2018) R&D Sustainability of Biotech Start-ups in Financial Risk, *Asian Journal of Innovation and Policy* 7 (3) : 624-645.
4. KUME, Katsunori & FUJIWARA, Takao, (2018) The Flexible Application of Real Options for Subcontractor in the Soft Drink Manufacturing Industry, *Asian Journal of Innovation and Policy* 7 (3) : 581-605.
5. 藤原 孝男, (2018) クラウドファンディングによるネグレクテッド疾病薬開発ベンチャーの存続可能性について, *経営学論集 (日本経営学会)* 88 : 33-42.
6. Ida Sri Wardani & FUJIWARA, Takao, (2018) Applying a Two-Stage Option Games Method to Investment Decisions of Business Startups: Case Study of a Smart House Startup in Indonesia, *Asian Journal of Innovation and Policy* 7 (1) : 178-189.
7. FUJIWARA, Takao, (2018) Regional Resilience of Industrial Ecosystem in Financial Crisis: Comparison between Toyota-Kariya Automotive Subcontractor Cities and Hamamatsu Start-Up City, *Asian Journal of Innovation and Policy* 7 (1) : 9-29.
8. Nyein Nyein Aye & FUJIWARA, Takao, (2017) Option-Games Analysis on Strategic Partnership for an Innovative High-Tech Energy Industry of the Smart Houses: Targeting at Optimizing between Flexibility and Commitment Values, *Technology Transfer and Entrepreneurship* 4 (1) : 3-26.
9. Nguyen Thu Ha & FUJIWARA, Takao, (2017) Option-Games on Low-Carbon Society Investment in Vietnam: Focused on SMART CITY Project, *Technology Transfer and Entrepreneurship* 4 (1) : 27-37.
10. Anjani Putri & FUJIWARA, Takao, (2017) A Study on Investment in Ecosystem for Agri-biotech Start-ups in Indonesia: Based on Option-games Approach, *Technology Transfer and Entrepreneurship* 4 (1) : 72-89.
11. FUJIWARA, Takao, (2016) Potential and Challenges for Start-ups in Japan's Biotech Industry, *Global Journal of Flexible Systems Management* 17 (3) : 417-424.
12. FUJIWARA, Takao, (2016) Bayesian MCMC Analysis on R&D Investment of Biotech Start-up in the 'Valley of Death', *Technology Transfer and Entrepreneurship* 3 (2) : 119-130.
13. KUME, Katsunori & FUJIWARA, Takao, (2016) Effects of the Exercisable Duration and Quantity of Real Options in Multi-Stages, *Technology Transfer and Entrepreneurship* 3 (2) : 107-118.
14. KUME, Katsunori & FUJIWARA, Takao, (2016) Production Flexibility of Real Options in Daily Supply Chain, *Global Journal of Flexible Systems Management* 17 (3) : 249-264.
15. Nguyen Thu Ha & FUJIWARA, Takao, (2015) Real Option Approach on Infrastructure Investment in Vietnam: Focused on Smart City Project, *Global Journal of Flexible Systems Management* 16 (4) : 331-345.
16. Anjani Putri & FUJIWARA, Takao, (2015) Real Options Analysis on Ecosystem for Agri-biotechnology Start-ups in Indonesia, *Global Journal of Flexible Systems Management* 16 (3) : 263-282.
17. FUJIWARA, Takao, (2014) Real Options Analysis on Strategic Partnerships of Biotech Start-ups, *Technology Analysis & Strategic Management, special issue on "matchmaking for open innovation"* 26 (6) : 617-638.
18. FUJIWARA, Takao, (2014) Patient, Ready, and Daring Would-be Shogun-spirits: a secret of Japan's silicon valley 'Hamamatsu', *Values-Based Management* 4 (1) : 1-15.
19. Nyein Nyein Aye & FUJIWARA, Takao, (2014) Application of Option-Games Approach to the Irreversible Investment for a New Energy Industry in Myanmar by Simple One-Stage Strategic Model: Focused on Potential of Smart House, *Global Journal of Flexible Systems Management* 15 (2) : 191-202.
20. Yuhua Hu & FUJIWARA, Takao, (2014) Option-Games Analysis on Software Industry: Dilemma Between Open

21. 藤原 孝男, (2014) バーチャルバイオベンチャーのオプションゲーム分析, 日本中小企業学会論集 33: 69-81.

最近の主要著書論文

1. KUME, Katsunori & FUJIWARA, Takao, (2018) "Chap. 11: Manufacturing Flexibility Under Uncertain Demand by a Real Options Approach." In *Global Value Chains, Flexibility and Sustainability*, Sushil et al. eds., Springer, pp.161-171.
2. FUJIWARA, Takao, (2015) Chap. 15: Research and Development (R&D) Continuity of Biotech Start-ups in Financial Crisis. In *Managing Flexibility: People, Process, Technology and Business*, Sushil et al. eds, Springer, pp.203-221.
3. FUJIWARA, Takao, (2014) Chap. 3: Option-Games Analysis on the Strategic Partnership of Biotech Start-ups. In *Rethinking Innovation: Global Perspectives*, Subrahmanian, R. et al. eds, Routledge, pp. 40-78.

主要国際会議論文：

1. Nyein Nyein Aye & FUJIWARA, Takao, (2019) Analysis on the Trade-off between a Hydro-power Project and Other Alternatives in Myanmar, Proceedings of PICMET'19 (August 25-29, Portland, Oregon, USA) : total 17 pages.
2. FUJIWARA, Takao, (2017) In Search for Signaling Function of Biotech Entrepreneurship in Financial Crisis: Applying Bayesian MCMC Analysis, Proceedings of 2017 (SGBED) 6th Research Symposium: (October 4-6, University of Sassari, Sardinia, Olbia, Italia) : 85-86.
3. KUME, Katsunori & FUJIWARA, Takao, (2016) Optimal Investment in Soft drink Plant under Seasonal Demand Using a Real Options Approach, Proceedings of Abstract for 6th Global Conference on Flexible Systems Management (Dec.4-6,2016, University of Technology Sydney, Australia) : total 1 page.
4. FUJIWARA, Takao, (2016) R&D Investment of Biotech Start-up at 'Death Valley', Proceedings of 22nd ICE/IEEE (June 13-15, Trondheim, Norway, 2016) : total 2 pages.
5. FUJIWARA, Takao, (2015) Option Games Analysis on Biotech Open Innovation Mediated by Start-ups, Proceedings of 21st ICE/IEEE (June 22-24, 2015, Belfast, UK) : total 1 page.
6. FUJIWARA, Takao, (2014) Virtual Biotechnology Start-Up Model as Exclusive Network Innovation under Uncertainty, Proceedings of PICMET (July 27-31,2014, Kanazawa, Japan) : 1213- 1221.
7. KUME, Katsunori & FUJIWARA, Takao, (2014) Valuation on Flexibility in Daily Balancing Between Supply and Demand in Fresh Beverage Business: Based on Real Options Approach, Proceedings of PICMET (July 27-31,2014, Kanazawa, Japan) : 2326-2331.
8. Anjani Putri & FUJIWARA, Takao, (2014) Real Options Analysis on Ecosystem for Agri-biotechnology Start-ups in Indonesia, Proceedings of PICMET (July 27-31,2014, Kanazawa, Japan) : 1239-1251.
9. Nguyen Thu Ha & FUJIWARA, Takao, (2014) Option-Games on Infrastructure Investment in Vietnam: Focused on Smart City Project, Proceedings of PICMET (July 27-31, 2014, Kanazawa, Japan) : 250-257.
10. FUJIWARA, Takao, (2014) Optimal Timing of Strategic Partnership for Biotechnology Start-ups, Proceedings of 20th ICE/IEEE (June 23-25, 2014, Bergamo, Italy) : total 7 pages in USB.

主要口頭発表

1. FUJIWARA, Takao, (2020) Biotech Start-up's Robust R&D under Criticisms against High-Priced Drugs, ASIP 2020 Conference (Sep. 24-26, Jeju Island, Republic of Korea) (by Zoom) (Invitation)
2. FUJIWARA, Takao, (2018) Bayesian MCMC Analysis on Star Biotech Start-ups in Financial Crisis, ASIP 2018 Conference (Sep. 13-15, Thammasat University, Bangkok, Thailand) (Keynote Speech)
3. FUJIWARA, Takao, (2018) R&D Investment of Successful Biotech Start-ups in Financial Crisis, 2018 JSPS-ICSSR Joint Seminar (Aug. 21-25, Toyohashi University of Technology) (Keynote Speech)
4. FUJIWARA, Takao, (2017) Bayesian MCMC Analysis on Entrepreneurial Resilience of Japan's Biotech Start-ups. ASIP 2017 Conference (Sep. 21-23, National Economics University, Hanoi, Vietnam) (Invitation)
5. FUJIWARA, Takao, (2017) Comparison of Japan's Start-up Ecosystem with her SME Subcontractor System, 2017 JSPS-ICSSR Joint Seminar (May, 3-7, DMS, IISc, Bangalore, India (Keynote Speech)