



Hitotsubashi University
Institute of Innovation Research

Hitotsubashi University
Institute of Innovation Research



ANNUAL REPORT 2016-2017

Hitotsubashi University
Institute of Innovation Research

IIR

ANNUAL REPORT FY2016 – FY2017

ANNUAL REPORT FY2016 – FY2017

INDEX

About IIR	i
I. Research Activities	01
1) Innovation Research Forum	02
2) Conferences	04
II. Researchers	09
1) Full-time Researchers	10
2) International Visiting Researchers	48
III. Education	49
1) Courses Given by the IIR Faculty Members	50
2) Innovation Management and Policy Program	52
IV. Research Results / Publications	57
1) Hitotsubashi Business Review	58
2) Working Papers	66
3) Case Studies	71

‘To become a world-class of excellence for research in social processes of innovation’ — The Institute of Innovation Research (IIR) was established at Hitotsubashi University to achieve this aim in April 1997, as the result of the reorganization of the Institute of Business Research, whose main pursuit had been the theoretical and empirical analysis of business, society and management.

It is indispensable for a populous country with poor natural resources like Japan to generate innovation. The importance of innovation has considerably increased since 1990s when growth by catching up with Western competitors was no longer possible. At that time, however, we had only little understanding of how innovation was generated. Innovation was an agenda in the realm of technical development. People did not pay sufficient attention to the long, social process for turning technological invention into industrial development. Innovation is a complex social phenomenon in which economic, political, organizational, historical and legislative factors are correlated with each other. In order to clarify this process, there needed to be places for interdisciplinary, systematic research where people from various fields of social science could work together utilizing the knowledge of natural science. This is how the IIR was established as an interdisciplinary research institute concentrating on the innovation process.

Missions

The first mission of the IIR is to study the innovation generation process systematically and empirically, understanding innovation as something to bring about economic value, and to contribute to the improvement of theoretical and practical knowledge. The role of the IIR also encompasses the clarification of social and economical impacts of innovation.

The second mission is to build a bridge between theory and practice on innovation. Since innovation is “living phenomenon,” one needs to be deeply involved in the front line of practice and understand specific problems happening there. In order to achieve the ultimate objective of facilitating innovation, there should be certain mechanisms for applying theoretical knowledge to the front line of innovation. In this sense, the IIR has to play an important role in linking theory and practice.

The third mission is to be an open research center which serves as a place for knowledge fusions between researchers from different countries. As the importance of innovation is and will be growing in East Asian countries, promoting interactions with researchers from these countries is very important for Japan in contributing to the development of this region. Thus, the IIR's missions also include the accumulation of qualitative and quantitative information on Japanese innovation.

Research Areas

In order to pursue its mission of studying the innovation process systematically and empirically, the activities of IIR have covered the following areas of research since its establishment.

“Research on Technological Innovation” and “Research on Management Innovation” are the areas in which factors facilitating innovation such as technology, organizations and management methods are being studied. “Research on Entrepreneurs” analyzes the personal characteristics of entrepreneurs as innovation initiators in order to go deep into the realities of innovation. “Research on Social Networks” explores how networks of private firms, universities, individuals, and other entities and parties affect innovation.

“Business History Research” and “Technology History Research” look at the above areas of empirical research from a broader perspective, understand their historical contexts, and trace the development processes of innovation over time. “Research on Institutions for Innovation” focuses on clarifying the influences of accounting and legal systems (such as those about intellectual property rights) on innovation.

“Research on Knowledge Management” synthesizes and attempts to understand all these empirical areas of research from a broader, theoretical perspective. Finally, “International Comparative Research” involves comparison, demonstration and analysis on an international scale.

We believe that our research at the IIR offers an important opportunity to foster creativity and innovation in Japan in order to bring about transformation and development in business organizations and the economy. We wish to create a world-class, international research institute where people from all over the world can conduct research together.



I. Research Activities



1. Innovation Research Forum — Apr. 2016 ~ Mar. 2018

The following is the list of lectures given as part of the Innovation Research Forum during 2016-2017 academic year:

- | | |
|---------------|--|
| Apr. 13, 2016 | <p>Michael G Jacobides
 Sir Donald Gordon Chair of Entrepreneurship and Innovation, and Associate Professor,
 Strategy & Entrepreneurship Department, London Business School
 “Scale, Scope and Performance Dynamics: A Population Study of the Evolution of
 Bank Holding Companies and Their Performance Changes, 1990-2014”</p> |
| Apr. 20, 2016 | <p>Ben Dankbaar
 Professor Emeritus at Radboud University Nijmegen
 “From Catching Up to Meeting the Grand Challenges: The Changing Faces of Industrial
 Policy”</p> |
| Apr. 20, 2016 | <p>Veikko Thiele
 Associate Professor, Queen’s University
 “Fostering Entrepreneurship: Backing Founders or Investors?”</p> |
| May 25, 2016 | <p>Sunil Mani
 Professor, Center for Development Studies
 “One Size Does Not Fit All: An Analysis of the Importance of Industry-specific
 Vertical Policies for Growing High Technology Industries in India”</p> |
| Jun. 8, 2016 | <p>Youngjin Yoo
 Professor, Temple University
 “From Publishing to Printing: Immateriality of Digital Innovation and New Business
 Models in the Generative Economy”</p> |
| Jul. 27, 2016 | <p>Yoshimi Okada
 Professor, IIR, Hitotsubashi University
 “Effects of Quality Improvement in International Search Reports on Patent Applicants’
 Behavior: Evidence from the Examination Policy Change in the Japan Patent Office in 1999”</p> |
| Oct. 18, 2016 | <p>Michael A. Cusumano
 VP & Dean, Innovation & Entrepreneurship, Tokyo University of Science / Professor,
 MIT Sloan School of Management
 “Strategy Rules”</p> |
| Nov. 16, 2016 | <p>Pao-lien Chen
 Associate Professor, National Tsing Hua University
 “Learning-by-Hiring: International Employee Mobility and the Growth of Emerging
 Market Firms at Home”</p> |
| Feb. 16, 2017 | <p>Charles J. McMillan
 Professor, Schulich School of Business, York University
 “The Planning Strategy of Strategic Planning: Orientation, Time Constraints, Decisions,
 Action: Case Studies from Military, Business, and Political Theory”</p> |

May 31, 2017	Jean-Baptiste Marc Litrico Associate Professor, Smith School of Business, Queen's University / Visiting Associate Professor, IIR, Hitotsubashi University "Industry Ethos and Corporate Response to Institutional Pressures: Naturalizing Sustainability in Aviation"
Jun. 8, 2017	Yu Jiang Professor, Chinese Academy of Sciences "China's Information Infrastructure and Innovation Efforts under the Globalization"
Jul. 26, 2017	Masatoshi Kato Associate Professor, School of Economics, Kwansei Gakuin University "Family Employees and Innovation Behavior of Start-ups: A Family Embeddedness Perspective of Entrepreneurship (with Haibo Zhou)"
Oct. 25, 2017	Evan W. Lauteria PhD Student, University of California Davis "The Cultural Foundations of Institutional Divergence: A Study of Nintendo and SEGA's 'Console Wars'"
Dec. 6, 2017	Ravi Madhavan Professor, The Joseph M. Katz Graduate School of Business, University of Pittsburgh "The Evolution of Systems Integration Capability in China: Case Studies in Nuclear Power and Commercial Aircraft"
Dec. 27, 2017	Takumi Shimizu Ph.D Candidate, Desautels Faculty of Management, McGill University "Coordinating Collective Framing Processes with Heterogeneous Actors in Technology Standard Development: A Topic Modeling Approach"
Jan. 24, 2018	Cornelia Lawson Prize Fellow, University of Bath "Citizens of Somewhere: Examining the Geography of Foreign and Native-born Academics' Engagement with External Actors"
Jan. 31, 2018	Lee, Sang-Gun Professor, Sogang Business School, Sogang University "A Comparative Study of Linkage of Effects of ICT Industries and Machinery and Equipment Industries among the Korea, the United States, Germany and Japan"
Feb. 14, 2018	Tuukka Toivonen Senior Lecturer at the Institute for Global Prosperity (IGP), University College London "From Creative 'Clashes' and 'Sparks' to Jolts: An Empirical Investigation of the Idea Journeys and Feedback Interactions of Early-stage Digital Entrepreneurs in London"

2. Conferences — Apr. 2016 ~ Mar. 2018

■ IIR Summer School 2017

Date: August 23 (Wed), 2017

Venue: Sano-shoin Hall of Hitotsubashi University

Organized by: IIR

Kick Off

9:15-9:25: Kentaro Nobeoka

Morning Session: (Chair: Kentaro Nakajima)

9:25-10:15: Mitsuru Igami

“Mergers, Innovation, and Entry-Exit Dynamics:
Consolidation of the Hard Disk Drive Industry, 1996-2016”
(with Kosuke Uetake)

10:30-11:10: Ayumi Higuchi

“Rethinking Functions of Organizational Hierarchies:
From a Case Study of Flat Organization”

11:10-12:00: Maria Ivona Climaco

“Implications of Intellectual Capital for Innovation Success and Failure in the Biotechnology Industry”

Guest Speaker: (Chair: Yaichi Aoshima)

13:00-14:00: Guest Speaker, Ikujiro Nonaka

“Cultivating Knowledge Maneuverability”

Afternoon Session 1: (Chair: Masaru Karube)

14:10-15:00: Ashish Bharadwaj

“Myths versus Reality of SEP Licensing: Perspectives from India”

15:00-15:50: Jesper Edman

“The Impact of a Foreign Identity on Host Country Product Market Entry”

Afternoon Session 2: (Chair: Joel Baker Malen)

16:15-17:05: Ilir Haxhi

“The Interplay of CPA, CSR & CG on CFP: A Configurational Approach”

17:05-17:55: Makoto Nirei

“Creative Destruction in Organizational Capital:
The Case of Sharing Economy in Japan and U.S.” (with Wendy Li and Kazufumi Yamana)

■International Symposium “Female Entrepreneurs Unlocking the Future”

Date: March 9 (Thu), 2017

Place: Hitotsubashi University Josuikai Centennial Hall

Program:

14:00 Opening Remarks

Fumiya Kamikawaji, Chair of Japan Gaza Innovation Challenge (JGIC)

14:05 Keynote Lecture - Female Entrepreneurs Unlocking the Future

Seiichiro Yonekura, Professor, IIR

14:45 Presentation by Entrepreneurs

Ms. Febriarti Khairunnisa, Founder and Owner, Bintang Sejahtera

Ms. Majd Almashharawi, Founder & CEO, Green Cake

Ms. Amal Abdelraof Abu Moailqe, Founder & CEO, Sketch Engineering

Ms. Yuriko Murakami, Founder & CEO, Her BEST

Ms. Jennifer Shigoli, Founder & CEO, Malkia Investments Co & Ltd., Malkia Industries and
TIM (Tanzania Institute of Manufacturing)

16:00 Panel Session

16:30 Closing Remarks

Dr. Akihiro Seita, Director of Health, United Nations Relief and Works Agency for Palestine
Refugees in the Near East

Organizers:

IIR and Japan Gaza Innovation Challenge (JGIC)

Co-organizers:

The United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA),
ARUN Seed, Results Japan

Supporters:

Ministry of Foreign Affairs of Japan (MOFA) and the Japan International Cooperation Agency
(JICA)

■ Workshop on Innovation in Digital Industries

Date: February 23 (Thu), 2017

Venue: Sano-shoin Hall, Hitotsubashi University

Innovation in digital industries now figures prominently in determining aggregate economic outcomes in the economy. Digital goods are pervasive and range from computer software to music, film and games, engineering blueprints, and even DNA sequences. There have been important discussions about whether new digital technological advances contribute to growth in productivity.

Less attention, however, has been paid to understand the industry's boundaries, the accompanying organizational changes necessary to reap advances in the new digital technologies as well as the conditions for firms and countries to be successful entrants. The workshop aims at a discussion of these important issues.

Agenda:

12:45-13:00 Opening Remarks

13:00-13:45 Session I

Steven Casper (Keck Graduate Institute), Marcela Miozzo (University of Manchester),
Cornelia Storz (University of Frankfurt)

“Conditions for Successful Entry in New Digital Industries: The Role of Generic Complementary Assets in the Case of the Online Games Industry.”

13:45-14:30 Session II

Yaichi Aoshima (IIR)

“How Does Digital Technology Affect the Boundary of Product?: Rise and Fall of the Digital Still Camera Industry.”

14:45-15:30 Session III

Fumihiko Ikuine (Tsukuba University)

“Innovation Pattern of Digital Industry: An Evolutionary Process of the Home Video Game in Japan.”

15:30-16:15 Session IV

Byeongwoo Kang (IIR), Heikki Rannikko (Aalto University School of Science),
Erno T. Tornikoski (Grenoble Ecole de Management)

“How a Laid-off Employee Becomes an Entrepreneur: The Case of Nokia's Bridge Program.”

16:30-17:15 Session V

Vili Lehdonvirta (University of Oxford)

“Platforms as Institutional Frameworks for Cross-border Trade: The Case of Online Labour Markets.”

17:15-18:00 Session VI

Michael Cusumano (MIT Sloan School / Tokyo University of Science)

“Platform Company Research – Some Data and Questions.”

18:00

Closing Remarks

The workshop was sponsored by Innovation Management Policy Program.

■ International Symposium “Social Inclusion: Experiences from Bangladesh (featuring former Governor of Bangladesh Central Bank)”

Date: November 10 (Thu), 2016

Venue: Hitotsubashi University Josuikai Centennial Hall

Organized by: IIR

Program:

10:30 Opening Remarks

Seiichiro Yonekura, Professor, Institute of Innovation Research, Hitotsubashi University

10:35-11:05 Topic 1 : “Financial Inclusion: Experience from Bangladesh”

Dr. Atiur Rahman, Professor of Department of Development Studies, University of Dhaka and former Governor of Central Bank of Bangladesh.

11:05-11:35 Topic 2: “Microfinance and Socio-economic Development”

Dr. Mohammed Abu Eusuf, Professor and Chairman, Department of Development Studies, University of Dhaka.

11:35-12:05 Topic 3: “e-Education and Social Innovation in Bangladesh”

Md. Imran Hossain Bhuiyan Lecturer, Department of Development Studies, University of Dhaka and Abdul Matin Sheikh, CEO, BacBon Limited / Co-Founder, e-Education.

12:05-12:30 Panel Discussion: “What We Can Learn from the Experience of Bangladesh in the Field of Social Innovation”

All the above speakers and Professor Yonekura as a moderator.

■IIR Summer School 2016

Date: August 22 (Mon), 2016
Venue: Sano-shoin Hall of Hitotsubashi University
Organized by: IIR

Opening Remarks:

10:00-10:10: Kentaro Nobeoka

Morning Session: 10:10-11:50 (Chair: Masaru Karube)

10:10-11:00: Yunyun Wan,
“Reverse Payments and Generic Entry Competition”

11:00-11:50: Ilir Haxhi,
“Conflicts between Indigenous Communities and MNEs: Understanding the Role of MNE-,
Country-, and Community-specific Factors”

Afternoon Session 1: 12:50-15:00 (Chair: Atsushi Ohyama)

12:50-13:20: Masayuki Hirose,
“Statistical Analysis of Patent Applications Citing Prior Art in a Different Technical Field from
Claimed Inventions for Which the Patent is Sought”

13:20-14:10: Ameet Kaur,
“Shared Leadership, Role Sharing and Team Innovation”

14:10-15:00: Cornelia Lawson,
“Transition in External Academic Engagement”


Afternoon Session 2: 15:20-17:30 (Chair: Joel Malen)

15:20-16:10: Jungwon Min,
“Vicarious Learning from Organizational Crisis in the International Context: A Comprehensive
Model”

16:10-17:00: Susumu Nagayama,
“Intrapersonal Diversity in Function and Genre in Creative Teams: A Study of the Japanese Music
Industry”

17:00-17:30: Balazs Fazekas,
“Social Capital and the Evolution of Innovation Networks”

17:30-18:00: Rosslyn-Smith,
“Design to the Rescue”



II. Researchers



1. Full-time Researchers

Profiles & List of Research Achievements — FY 2016 ~ FY 2017



Yaichi Aoshima

■ Education

- 1996 Ph.D. (Management), Sloan School of Management, Massachusetts Institute of Technology
- 1989 M.C. (Business Administration), Hitotsubashi University
- 1987 B.C. (Commerce), Hitotsubashi University

■ Professional Positions

- 2018~ Director, Institute of Innovation Research, Hitotsubashi University
- 2012~ Professor, Institute of Innovation Research, Hitotsubashi University
- 1999 Associate Professor, Institute of Innovation Research, Hitotsubashi University
- 1997 Assistant Professor, Institute of Innovation Research, Hitotsubashi University
- 1996 Assistant Professor, Institute of Business Research, Hitotsubashi University

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

(In Japanese)

Aoshima, Yaichi, “What is Management of Innovation?,” in Hitotsubashi University Institute of Innovation Research, ed., *Introduction to Innovation Management* (2nd edition), Tokyo: Nihon Keizai Shimbunsha, October 2017, Chap. 1, pp. 1-20

Aoshima, Yaichi and Shimizu Hiroshi, “Resource Mobilization and Knowledge Creation to Realize Innovation,” *ibid.*, Chap. 7, pp. 165-184

Aoshima, Yaichi, “Management of New Product Development,” *ibid.*, Chap. 8, pp. 185-218

Aoshima, Yaichi and Shimizu Hiroshi, “Innovation and Inter-organizational Systems,” *ibid.*, Chap. 10, pp. 246-277

Aoshima, Yaichi and Kunitoshi Yamazaki, “Business Case / Tsuchiyu-onsen Hot Spring: Regional Development by Renewable Energy,” *Hitotsubashi Business Review*, Vol. 65, No. 1, June 2017, pp. 138-150

Aoshima, Yaichi, “Revolution of Industries Driven by Digital Innovation: Unstabilized Product Boundaries,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 32-43

Fujiwara, Masatoshi and Yaichi Aoshima, “Business Case / Toyobo: Driving the Radical Corporate Restructuring,” *Hitotsubashi Business Review*, Vol. 64, No. 3, December 2016, pp. 124-141

1.2. Others

(Book Review, in Japanese)

Tatsumoto, Hirofumi, *Platform Strategy for Global Markets: The Strategic Use of Open Standards and the Management of Business Ecosystems*, Yuhikaku / Shosainomado (The Window of Author's Study), Yuhikaku, No. 657, May 2018
http://www.yuhikaku.co.jp/static/shosai_mado/html/1805/06.html

Yashiro, Tomonari, *Innovation Management: Strategic Thinking for Process and Team Orchestration*, University of Tokyo Press / The Keizai Seminar, October & November 2016 issue, (No. 692), September 2016, P. 103

2. Unpublished Work

2.1. Research Report

(In Japanese)

Matsushima, Kazunari, Yaichi Aoshima and Naoki Takada, "Research on Management and Performance of NEDO Projects," New Energy and Industrial Technology Development Organization, September 2016

3. Conference Papers, Presentations

Asano, Kenji and Yaichi Aoshima, "Effects of Local Government Subsidy on Rooftop Solar PV in Japan," ICRERA 2017, 6th International Conference on Renewable Energy Research and Application, October 6, 2017, California, USA, refereed

Asano, Kenji and Yaichi Aoshima, "An Analysis on the Impact of the Rooftop Solar Photovoltaic Subsidy in Japan," 7th Asia-Pacific Innovation Conference, November 19, 2016, Fukuoka

Aoshima, Yaichi, Wen Wang and Jinwel Zhu, "Mobilizing Scarce Resource through Social Networks: Exploring Mechanism that Accelerated the Growth of the Chinese PV Industry," PICMET'16 "Technology Management for Social Innovation," September 7, 2016, Hawaii, USA

(In Japanese)

Aoshima, Yaichi, "Innovation by Firms," 31st STiPS Handai Research Meeting, organized by Program for Education and Research on Science and Technology in Public Sphere, August 10, 2017, Toyonaka Campus of Osaka University, invited

Aoshima, Yaichi, "Impacts of Modularization on Firm Competitiveness and Industry Structures," Japan MOT Society Study Session, May 19, 2017, Ritsumeikan Tokyo Campus, invited

Aoshima, Yaichi, "Technological Changes and Policy Failures That Deteriorated the Japanese Electronics Industry," Nikkei Kigyo-Kodo Conference 2017, March 30, 2017, Kanagawa

Matsushima, Kazunari, Yaichi Aoshima and Naoki Takada, “An Impact of Public Support on R&D in Private Sectors,” the 31st Annual Meeting of the Japan Society for Research Policy and Innovation Management, November 6, 2016, Aoyama Gakuin University

4. Award

Japan Society for Research Policy and Innovation Management Award, October 28, 2017 (with Professor Kazunari Matsushima and NEDO (New Energy and Industrial Technology Development Organization))



Manabu Eto

■ Education

- 2008 Ph.D. (Engineering), Tohoku University
- 1985 M.E. (Engineering Science), Osaka University
- 1983 B.E. (Engineering Science), Osaka University

■ Professional Positions

- 2016~ Professor, Institute of Innovation Research, Hitotsubashi University
- 2013 Adjunct Professor, Institute of Innovation Research, Hitotsubashi University
- 2011 Director General, JETRO Geneva (~July 2013)
- 2008 Professor, Institute of Innovation Research, Hitotsubashi University (~March 2011)
- 2006~ Consulting Fellow, Research Institute of Economy, Trade and Industry (RIETI)
- 2006 Director, Conformity Assessment Division, Industry Science and Technology Policy and Environment Bureau, Ministry of Economy, Trade and Industry (METI) (~2008)
- 2004 National Institute of Advanced Industrial Science and Technology (~2005)
- 2000 Delegation of Japan to the OECD (~2004)
- 1995 Assistant Professor, University of Tsukuba (~1997)
- 1994 Visiting Scholar, University of New Mexico (~1995)
- 1989 Science and Technology Agency (~1990)
- 1985 Ministry of International Trade and Industry (MITI)

■ Research Achievements

1. Publications

1.1. Book

(In Japanese)

Eto, Manabu (Editor in Chief), *Standardization Textbook: Knowledge of Standardization That Is Connecting the World*, Japanese Standards Association, July 2016, 313 pages

1.2. Articles and Chapters in Books

(In Japanese)

Eto, Manabu, “Necessity of Developing Standards Professionals,” *Hyojyunka to Hinshitsukanri* (Standardization and Quality Control), Japanese Standards Association, Vol. 71, No. 4, April 2018, pp. 4-9

Eto, Manabu and Yuichi Washida, “International Standardization from Japan (1)-(4),” *Hitotsubashi Business Review*, Vol. 65, No. 3-Vol. 66, No. 2, December 2017-September 2018

Eto, Manabu, “Policy and Institution in Innovation,” in Hitotsubashi University Institute of Innovation Research, ed., *Introduction to Innovation Management* (2nd edition), Tokyo: Nihon Keizai Shimbunsha, October 2017, Chap. 11, pp. 280-303

Akaike, Shinichi and Manabu Eto, “Science, Technology and Innovation Policy,” *ibid.*, Chap. 12, pp. 304-332

Eto, Manabu, “Regulation and Institution in Innovation,” *ibid.*, Chap. 15, pp. 393-417

Eto, Manabu, “Outbound Open Innovation by Standardization,” *Nihon Chizai Gakkaishi* (International Journal of Intellectual Property-law, Economy and Management), Intellectual Property Association of Japan, Vol. 14, No. 1, October 2017, pp. 43-55

Eto, Manabu, “How the Japanese Government Should Support Innovation?,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 100-108

Eto, Manabu, “Basic Knowledge of Standardization,” in Eto, Manabu, ed., *Standardization Textbook: Knowledge of Standardization That Is Connecting the World*, Japanese Standards Association, July 2016, Chap. 1, pp. 9-36

Eto, Manabu, “Standardization and Business,” *ibid*, Chap. 2, pp. 37-58

Eto, Manabu, “Patenting and Standardization,” *ibid*, Chap. 4, pp. 91-121

1.3. Others

(In Japanese)

Eto, Manabu, “Strategy of Standardization and IPR,” *Hyojyunka to Hinshitsukanri* (Standardization and Quality Control), Vol. 69, No. 10, October 2016, pp. 27-30

2. Unpublished Work

2.1. Case Studies

(In Japanese)

Oda, Hajime and Manabu Eto, “Case Study of Regional Innovation: Yamako Takeda Shouten Co Ltd,” IIR Case Study CASE#18-01, May 2018

Yoshioka-Kobayashi, Tohru, Megumi Kimura and Manabu Eto, “How Does the Innovation Emerge in the Regional Context: A Case Study on the Application of Fine-bubble Technology into the Farming and Aquaculture Industry,” IIR Case Study CASE#17-03, May 2017

Eto, Manabu and Megumi Kimura, “Mining Town after Innovation: A Case Study of Yubari City,” IIR Case Study CASE#17-01, January 2017

2.2. Working Papers

(In Japanese)

Eto, Manabu, Fumihiko Ikuine, Donghoon Kim, Megumi Kimura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, “Tomohiro Nishikado, Oral History (2nd, 2): From Mechanical Games to Video Games,” IIR Working Paper WP#18-25, March 2018

Eto, Manabu, Fumihiko Ikuine, Donghoon Kim, Megumi Kimura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, “Tomohiro Nishikado, Oral History (2nd, 1): Development of “Sky Fighter,” IIR Working Paper WP#18-24, March 2018

Eto, Manabu, Fumihiko Ikuine, Donghoon Kim, Megumi Kimura, Akinori Nakamura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, “Oral History (1st, 2): Since High School Days until Joining PMC,” IIR Working Paper WP#18-23, March 2018

Eto, Manabu, Fumihiko Ikuine, Donghoon Kim, Megumi Kimura, Akinori Nakamura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, “Tomohiro Nishikado, Oral History (1st, 1): Personal History until Junior High School Days,” IIR Working Paper WP#18-22, March 2018

2.3. Educational Material

(In Japanese)

Eto, Manabu, Misa Tsujita and Michitaka Sasaki, *Textbook: Standardization and Business*, supervised by Yamaguchi University, August 2018, 355 pages

3. Conference Papers, Presentations

Eto, Manabu, “Human Resources of Standardization in Japan,” APEC-IEC-ISO Workshop “Developing Competence Requirements and Career Path for Standards Professionals,” 23-24 January, 2018, Singapore

Eto, Manabu, “Education of Standardization in Japan,” ICES (International Cooperation for Education about Standardization) 2017, August 10, 2017, Northwestern University Pritzker School of Law, Illinois, USA

Eto, Manabu, “Innovation Created from Differences in Regulations: A Case Study of the Electric-Assist Bicycle,” PICMET’16 “Technology Management for Social Innovation,” September 6, 2016, Hawaii, USA

(In Japanese)

Eto, Manabu, “Standardization Effect for SMEs Business,” the 15th Annual Meeting of the Intellectual Property Association of Japan, December 3, 2017, Kokushikan University

Eto, Manabu, “Utility Classification of Outbound Open Innovation by Standardization,” the 32nd Annual Meeting of the Japan Society for Research Policy and Innovation Management, October 29, 2017, Yoshida Campus of Kyoto University

Eto, Manabu, “Innovation Created from Differences in Regulations: A Case Study of the Electric-Assist Bicycle,” the 31st Annual Meeting of the Japan Society for Research Policy and Innovation Management, November 6, 2016, Aoyama Gakuin University

4. Award

Japan Society for Research Policy and Innovation Management Award, November 5,
2016 (with Dr. Hiroyuki TOMIZAWA)



Akira Izumi

■ Education

- 2008 Ph.D. (Engineering), Tohoku University
- 1999 M.A. (Law and Diplomacy), Fletcher School of Law and Diplomacy, Tufts University
- 1989 M.E. (Physical Electronics), Tokyo Institute of Technology
- 1987 B.E. (Physical Electronics), Tokyo Institute of Technology

■ Professional Positions

- 2017~ Professor, Institute of Innovation Research, Hitotsubashi University
- 2015 Director-General, National Institute of Technology and Evaluation (NITE) (~2017)
- 2014 Director, International Electrotechnology Division, METI (~2015)
- 2013 Director, Conformity Assessment Division, Industrial Science and Technology Policy and Environment Bureau, Ministry of Economy, Trade and Industry (METI) (~2014)
- 2010 Director-General, New Energy and Industrial Technology Development Organization (NEDO) (~2013)
- 2003 Advisor, Tokyo Branch, Deutsche Security (~2005)
- 1989 Ministry of International Trade and Industry (MITI)

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

(In Japanese)

Izumi, Akira, “Development of Field Innovation by Safety Systems” in Kikuchi, Junichi and Naoto Kobayashi, eds., *Field Innovation*, Chap. 11, Tokyo: Chuokeizai-sha, September 2018, pp. 269-286

2. Conference Papers, Presentations

(In Japanese)

Izumi, Akira, “Importance of International Standardization Activities in the Field of Electronics and Information Technology,” presented at the Institute of Electronics, Information and Communication Engineers (IEICE) Society Conference, September 12, 2018, Kanazawa University

Izumi, Akira, “Technology and Business Development of Renewable Energy,” presented at 220th Business Seminar, hosted by Engineering Advancement Association of Japan, April 12, 2018, Tokyo

Izumi, Akira, Panel Discussion (Coordinator) at 21st Standard Education Seminar “Visual and Hearing Support System and Standardization Education” hosted by IIEEJ (The Institute of Image Electronics Engineers of Japan) Special Interest Group on International Standardization Education, January 19, 2018, Toranomon Campus of Kanazawa Institute of Technology

Izumi, Akira, “A Case Study on Installation of Safety Technology in Household Products -Overheat Protector for Gas Stoves-,” presented at the 32nd Annual Meeting of the Japan Society for Research Policy and Innovation Management, October 29, 2017, Yoshida Campus of Kyoto University



Byeongwoo Kang

■ Education

- 2014 Ph.D. (Technology Management), Graduate School of Engineering, The University of Tokyo
- 2008 M.S., Graduate School of Engineering, Tohoku University
- 2006 B.S., School of Engineering, Tohoku University

■ Professional Positions

- 2016~ Assistant Professor, Institute of Innovation Research, Hitotsubashi University
- 2014 Researcher, Institute of Developing Economies (IDE-JETRO) (~2016)
- 2008 Researcher, LG Electronics (~2011)

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

Kang, Byeongwoo, Yukihiro Sato and Yasushi Ueki, “Mobility of Highly Skilled Retirees from Japan to Korea and Taiwan,” *Pacific Focus*, Vol. 33, No. 1, April 2018, pp. 58-82, refereed

Nabeshima, Kaoru, Mila Kashcheeva and Byeongwoo Kang, “The Impacts of Export Competition on International Technology Flows,” *Applied Economics Letters*, Vol. 25, No. 15, October 25, 2017, pp. 1058–1061, refereed
<http://www.tandfonline.com/doi/full/10.1080/13504851.2017.1394969>

Nabeshima, Kaoru, Byeongwoo Kang and Mila Kashcheeva, “Descriptive Analysis of the Knowledge Network Formation in East Asia,” *Technology in Society*, Vol. 47, November 2016, pp. 66-100, refereed

(In Japanese)

Kang, Byeongwoo, “Issues on Standard Essential Patents: Until Now and from Now on,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 122-129

Motohashi, Kazuyuki and Byeongwoo Kang, “Role of Public Research Institutes as an Innovation Platform: Case Study of the Tsukuba Innovation Arena (TIA-nano),” *the Journal of Science Policy and Research Management*, Vol. 31, No. 2, August 2016, pp. 236-247, refereed

1.2. Others

(In Korean)

Kang, Byeongwoo, “Nokia’s Startup Programs,” in *Technology + Management*, Korea Industrial Technology Association, Seoul, July 2017, pp. 53-55

2. Unpublished Work

2.1. Working Papers

Bharadwaj, Ashish and Byeongwoo Kang, “How Does Innovation Occur in India? Evidence from the JIRICO Survey,” IIR Working Paper WP#18-05, January 2018

Kang, Byeongwoo, Heikki Rannikko and Erno T. Tornikoski, “How a Laid-off Employee Becomes an Entrepreneur: The Case of Nokia’s Bridge Program,” IIR Working Paper WP#17-15, December 2017

Nabeshima, Kaoru, Mila Kashcheeva and Byeongwoo Kang, “The Impact of Import vs. Export Competition in Technology Flows between Countries,” IDE Discussion Papers No. 654, April 2017

Kang, Byeongwoo, Yukihiro Sato and Yasushi Ueki, “Mobility of Highly Skilled Retirees from Japan to the Republic of Korea and Taiwan,” ERIA Discussion Paper 2016-31, Economic Research Institute for ASEAN and East Asia, February 2017

Dang, Jianwei, Byeongwoo Kang and Ke Ding, “Landscape of Standard Essential Patents: The Case of East Asian Countries,” IIR Working Paper WP#16-12, October 2016

2.2. Research Report

(In Japanese)

Kawakami, Momoko (Principal Investigator), “Role of Public Research Institutes in the National Innovation System,” the Institute of Developing Economies, JETRO and Taiwan Institute of Economic Research, contribution of Chap. 2, March 2017

3. Conference Papers, Presentations

Kang, Byeongwoo, “Innovation Processes in Public Research Institutes,” Workshop on Industrial Competitiveness in East Asia, March 20, 2018, ERIA, Jakarta, Indonesia, invited

Kang, Byeongwoo and Rudi Bekkers, “Just-in-time Patents and the Development of Standards,” Law and Economics Workshop on IPRs for Standard-based Innovations, December 9, 2017, Waseda University, invited

Kang, Byeongwoo, Heikki Rannikko and Erno T. Tornikoski, “How a Laid-off Employee Becomes an Entrepreneur: The Case of Nokia’s Bridge Program,” RENT XXXI Conference, November 17, 2017, Lund University, Lund, Sweden, refereed

Kang, Byeongwoo, Panel Discussion on “Network Analysis of Engineers: Use of IETF Email Data,” Conference on China’s Innovation System: Understanding Complex System by New Data, October 22, 2017, Donghua University, Shanghai, China, invited

Kang, Byeongwoo, Yukihiro Sato and Yasushi Ueki, "Mobility of Highly Skilled Retirees from Japan to Korea and Taiwan," Second annual conference of the UCL Center for Comparative Studies of the Emerging Economies, June 26, 2017, UCL, London, UK

Kang, Byeongwoo, Heikki Rannikko and Erno T. Tornikoski, "How a Laid-off Employee Becomes an Entrepreneur: The Case of Nokia's Bridge Program," Workshop on Innovation in Digital Industries, February 24, 2017, Sano-shoin Hall, Hitotsubashi University

Dang, Jianwei, Byeongwoo Kang and Ke Ding, "Landscape of Standard Essential Patents: The Case of East Asian Firms," 7th Asia-Pacific Innovation Conference, November 18, 2016, Kyushu University



Masaru Karube

■ Education

- 1998 Doctor of Commerce, Hitotsubashi University
- 1995 Master of Commerce, Hitotsubashi University
- 1993 B.A. (Commerce), Hitotsubashi University

■ Professional Positions

- 2017~ Professor, Institute of Innovation Research, Hitotsubashi University
- 2006 Fulbright Visiting Scholar, Bryn Mawr College / The Wharton School of the University of Pennsylvania (~2007)
- 2002 Associate Professor, Institute of Innovation Research, Hitotsubashi University
- 1998 Lecturer, Faculty of Business Administration, Tokyo Keizai University

■ Research Achievements

1. Publications

1.1. Book

(In Japanese)

Karube, Masaru, *Engagement and Trespassing: Logic of Managerial Reform in Japan*, Tokyo: Yuhikaku, April 2017, 320 pages

1.2. Articles and Chapters in Books

(In Japanese)

Karube, Masaru and Daisuke Uchida, “Business Case / Panasonic Home Appliances Refrigerator (Wuxi) Co., Ltd.: Challenge and Evolution,” *Hitotsubashi Business Review*, Vol. 66, No. 2, September 2018, pp. 150-163

Karube, Masaru and Daisuke Uchida, “Business Case / Fuji Optical: A Vision for the Future,” *Hitotsubashi Business Review*, Vol. 65, No. 4, March 2018, pp. 142-157

Karube, Masaru, “Innovation and Rise and Fall of Business Enterprises,” in Hitotsubashi University Institute of Innovation Research, ed., *Introduction to Innovation Management* (2nd edition), Tokyo: Nihon Keizai Shimbunsha, October 2017, Chap. 3, pp. 50-79

Karube, Masaru, “Innovation and Corporate Strategy,” *ibid.*, Chap. 9, pp. 219-245

Karube, Masaru, “A New Perspective on Innovation: Marginality and Anomaly,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 44-55

2. Conference Papers, Presentations

Karube, Masaru and Hironori Fukukawa, “Unequal Punishment for Professionals: How Audit Firms Respond to Their Accountants’ Misconduct in Financial Statements,” Asia Trilateral Seminar, co-hosted by Hitotsubashi University Business School, Korea University Business School and Peking University HSBC Business School, September 11, 2018, Sano-shoin Hall, Hitotsubashi University

Karube, Masaru, “Unequal Punishment for Professionals: How Audit Firms Respond to Their Accountants’ Misconduct in Financial Statements,” Euram 18 ‘Research in Action’, hosted by European Academy of Management, June 20, 2018, University of Iceland, Iceland

Karube, Masaru, “Unequal Punishment for Professionals: How Audit Firms Respond to Their Accountants’ Misconduct in Financial Statements,” Invited Academic Presentation for International Strategy & Marketing Seminar at Amsterdam Business School, March 6, 2018, Amsterdam, Netherlands

Karube, Masaru, “The Japanese System in Evolution: Industries in Transition and Emerging Creative Industries: Lessons from Japanese Styles,” Academic presentation for the Refereed Presenter Symposium of the 2017 Annual Meeting of Academy of Management, August 5, 2017, Atlanta, Georgia, USA

Karube, Masaru, “When and How Do Audit Firms Trigger Status Downgrades of Post-IPO Firms?,” Refereed academic presentation for the 29th SASE (Society for the Advancement of Socio-Economics) annual conference, June 30, 2017, Université Claude Bernard Lyon 1, Lyon, France

Karube, Masaru, “Fate of Bad Apples: Organizational Responses to Wrongdoers in the Japanese Audit Industry,” International Workshop on Business Research, organized by Management Innovation Research Center Hitotsubashi University, February 10, 2017, Sano-Shoin Hall, Hitotsubashi University

Karube, Masaru, Hironori Fukukawa and Israel Drori, “Overcoming Organizational Silos: Role of New Clients in Post-Merger Integration,” 76th Annual Meeting of the Academy of Management, August 9, 2016, Anaheim, CA, USA

Golsorkhi, Damon, Israel Drori and Masaru Karube, “Making Utopias Real: Social Innovation, Movements and Change,” 32nd EGOS (European Group for Organizational Studies) Colloquium, July 7-9, 2016, Naples, Italy

Karube, Masaru, “Is Higher Status an Indicator of Higher Quality? Evidence from Japanese Audit Industry, 2002-2014,” 28th Annual Meeting of SASE (Society for the Advancement of Socio-Economics), June 24, 2016, University of California-Berkeley, USA

(In Japanese)

Karube, Masaru, “Perspectives on Innovation,” Collaborative Education for Next-Generation INnovators & Exploration of Knowledge Intersections (C-Engine) Symposium 2018, October 18, 2018, Kuramae Hall of Tokyo Institute of Technology

Karube, Masaru, “Managerial Issues Proposed by Karube (2017) *Engagement and Trespassing: Logic of Managerial Reform in Japan*,” Regular Meeting at Kansai Branch of Academic Association of Organizational Science, February 13, 2018, Umeda Campus of Osaka City University

Karube, Masaru, “Error and Punishment: How We Can Assure Auditing Quality?” Regular Meeting at Kyushu Branch of Academic Association of Organizational Science, October 14, 2017, Nishijin Campus of Seinan Gakuin University, Fukuoka



Joel Malen

■ Education

- 2013 Ph.D. (Business Administration), University of Minnesota-Carlson School of Management
- 2006 M.A. (International Relations), Johns Hopkins University
- 1999 B.A. (Economics), University of Rochester

■ Professional Positions

- 2018~ Associate Professor, School of Commerce, Waseda University
- 2013 Assistant Professor, Institute of Innovation Research, Hitotsubashi University (~2018)
- 2006 Business and Policy Research Associate, Itochu International Inc., Washington, DC (~2008)

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

Malen, Joel and Paul Vaaler, “Organizational Slack, National Institutions and Innovation Effort Around the World,” *Journal of World Business*, Vol. 52, Issue 6, pp. 782-797, November 2017, refereed

Malen, Joel and Alfred A. Marcus, “Environmental Externalities and Weak Appropriability: Influences on Firm Pollution Reduction Technology Development,” *Business & Society*, first published online on March 31, 2017, <http://journals.sagepub.com/toc/bas/0/0>, refereed

Malen, Joel, “Promoting Clean Energy Technology Entrepreneurship: The Role of External Context,” *Energy Policy*, Vol. 102, March 2017, pp. 7-15, refereed

(In Japanese)

Malen, Joel, “Innovation for a Circular Economy,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 8-18

2. Unpublished Work

2.1. Working Papers

Malen, Joel and Junichi Yamanoi, “Environmental Regulation and International Expansion of MNEs: The Moderating Role of Pollution Reduction Resources and Firm Multinationality on Location Choice,” IIR Working Paper WP#16-13, December 2016

3. Conference Papers, Presentations

Malen, Joel, “Out of Sight, Out of Mind?: An Exploratory Study of the Role of Distance in Firm Generation of Negative Social Externalities,” International Association of Business & Society 2017 Annual Conference, June 30, 2017, Amsterdam, Netherlands, refereed

Malen, Joel and Junichi Yamanoi, “Racing to the Bottom? Or to the Top? How Firm-Specific Capabilities for Pollution Reduction and Firm Multinationality Moderate the Effect of National Environmental Regulations on International Expansion Decisions,” Academy of International Business 2016 Annual Meeting, June 28, 2016, Louisiana, USA

Malen, Joel and Junichi Yamanoi, “Racing to the Bottom? Or to the Top? How Firm-Specific Capabilities for Pollution Reduction and Firm Multinationality Moderate the Effect of National Environmental Regulations on International Expansion Decisions,” GRONEN (Group for Research on Organizations and the Natural Environment) Research Conference 2016, May 26, 2016, Hamburg, Germany

Malen, Joel and Junichi Yamanoi, “Racing to the Bottom? Or to the Top? How Firm Pollution Reduction Capabilities and Multinationality Moderate the Effect of National Environmental Regulations on International Expansion Decisions,” 8th Annual ARCS (Alliance for Research on Corporate Sustainability) Research Conference, May 19, 2016, Colorado, USA

Malen, Joel and Alfred Marcus, “Transforming Clean Energy Technologies into Viable Business Opportunities: The Role of Local Media Attention and Financial Rewards in Clean Energy Technology Entrepreneurship in US,” 8th Annual ARCS (Alliance for Research on Corporate Sustainability) Research Conference, May 19, 2016, Colorado, USA



Kentaro Nakajima

■ Education

- 2008 Ph.D. (Economics), Graduate School of Economics, the University of Tokyo
- 2003 B.A. (Economics), Department of Economics, the University of Tokyo

■ Professional Positions

- 2017~ Associate Professor, Institute of Innovation Research, Hitotsubashi University
- 2011 Associate Professor, Graduate School of Economics and Management, Tohoku University
- 2010 Associate Professor, Center for Economic Institutions, Institute of Economic Research, Hitotsubashi University
- 2008 Associate Professor, Endowed Chair in Regional Economy and Banking (The 77 Bank), Graduate School of Economics and Management, Tohoku University

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

- Nakajima, Kentaro and Tetsuji Okazaki, “The Expanding Empire and Spatial Distribution of Economic Activities: The Case of Japan’s Colonization of Korea during the Pre-war Period,” *Economic History Review*, Vol. 71, Issue 2, May 2018, pp. 593-616, refereed
- Inoue, Hiroyasu, Kentaro Nakajima and Yukiko Saito, “Localization of Knowledge-creating Establishments,” *Japan and the World Economy*, Vol. 43, September 2017, pp. 23-29, refereed
- Xu, Hangtian and Kentaro Nakajima, “Highways and Industrial Development in the Peripheral Regions of China,” *Papers in Regional Science*, Vol. 96, No. 2, June 2017, pp. 325-356, refereed
- (In Japanese)
Nakajima, Kentaro, “Market Potential and Spatial Distributions of Economic Activities,” *Jyutaku Tochi Keizai*, Housing Research and Advancement Foundation of Japan, No. 110, pp. 22-28, October 2018
- Nakajima, Kentaro, “Transportations and Regional Economy,” in Fukao, Kyoji, Naofumi Nakamura and Masaki Nakabayashi, eds., *Iwanami Koza “History of Japanese Economy”*, Volume 6, Tokyo: Iwanami Shoten, May 2018, pp. 275-287
- Nakajima, Kentaro, Katsuhito Uehara and Tsuyoshi Tsuru, “Impact of Workplace Communication Networks on Productivity: A New Approach Using Wearable Sensors,” *Keizai Kenkyu* (The Economic Review), Vol. 69, No. 1, January 2018, pp. 18-34, refereed

Tsuru, Tsuyoshi, Norio Tokumaru, Mitsuhiro Fukuzawa and Kentaro Nakajima, “Front-End Practices and Human Resource Management in the Product Development Process: Empirical Analysis of Development Outcomes,” *Keizai Kenkyu*, Vol. 69, No. 1, January 2018, pp. 35-54, refereed

Nakajima, Kentaro, “Industrial Agglomerations,” in Fukao, Kyoji, Naofumi Nakamura and Masaki Nakabayashi, eds., *Iwanami Koza “History of Japanese Economy”*, Volume 5, Tokyo: Iwanami Shoten, January 2018, pp. 191-200

Nakajima, Kentaro, “Transportations and Regional Economy,” *ibid*, pp. 267-280

1.2. Others

(Book Review)

Jinzai no Kokusai Ido to Inobeshon (International Migration of Highly Skilled Workers and Innovation, by Yukiko Murakami, Tokyo: NTT Publishing, 2015) / *Social Science Japan Journal*, Vol. 20, Issue 2, August 1, 2017, pp. 323-325

2. Unpublished Work

2.1. Working Papers

Inoue, Hiroyasu, Kentaro Nakajima and Yukiko Saito, “The Impact of the Opening of High-Speed Rail on Innovation,” RIETI Discussion Paper Series 17-E-034, March 2017

Gokan, Toshitaka, Ikuo Kuroiwa and Kentaro Nakajima, “Agglomeration Economies in Vietnam: A Firm-Level Analysis,” IDE Discussion Papers from Institute of Developing Economies, No 636, Japan External Trade Organization (JETRO), March 2017

(In Japanese)

Uesugi, Iichiro, Kentaro Nakajima and Kaoru Hosono, “Does Impaired Loss Accounting Affect Firms’ Investment? Evidence from Japan,” RIETI Discussion Paper Series 17-J-033, April 2017

3. Conference Papers, Presentations

Nakajima, Kentaro, “Impact of Workplace Communication Networks on Productivity: A New Approach Using Wearable Sensors,” Kansai Labor Economics Workshop, November 16, 2018, Osaka University, invited

Nakajima, Kentaro, “Estimating the Impact of Building Height Restrictions on Land Price,” Kyoto Summer Workshop on Applied Economics, August 4, 2018, Kyoto University, invited

Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” Policy Modeling Workshop, July 14, 2018, National Graduate Institute for Policy Studies, invited

- Nakajima, Kentaro, “Impact of Workplace Communication Networks on Productivity: A New Approach Using Wearable Sensors,” Tokyo Labor Economics Workshop, July 6, 2018, the University of Tokyo, invited
- Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” Society of Economic Dynamics Annual Meeting, June 29, 2018, Mexico City, Mexico, refereed
- Nakajima, Kentaro, “The Impact of High-Speed Rail on Innovation,” the Spring Meeting of the Japanese Economic Association 2018, June 9, 2018, University of Hyogo, refereed
- Nakajima, Kentaro, “Impact of Workplace Communication Networks on Productivity: A New Approach Using Wearable Sensors,” Society of Labor Economists Annual Meeting, May 5, 2018, Toronto, Canada, refereed
- Nakajima, Kentaro, “Measuring the Supply Elasticity of Housing: The Case of Japan,” Hitotsubashi International Workshop on Real Estate and the Macro Economy, March 27, 2018, Hitotsubashi Hall, Tokyo
- Nakajima, Kentaro, “Impact of Workplace Communication Networks on Productivity: A New Approach Using Wearable Sensors,” Seminar in Economics: On Industrial Organization, March 9, 2018, Kwansei Gakuin University, invited
- Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” EHESS-Keio University Workshop, February 20, 2018, EHESS, Paris, France
- Nakajima, Kentaro, “The Expanding Empire and Spatial Distribution of Economic Activities: The Case of Japan’s Colonization of Korea during the Pre-war Period,” Research Seminar on Economics of Land and Housing, February 1, 2018, Housing Research & Advancement Foundation of Japan, invited
- Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” 12th Meeting of the Urban Economics Association, November 10, 2017, Vancouver, Canada, refereed
- Nakajima, Kentaro, “Impact of Workplace Communication Networks on Productivity: A New Approach Using Wearable Sensors,” GRIPS/U. Tokyo International Workshop, November 6, 2017, the University of Tokyo, refereed
- Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” Economics Seminar, November 1, 2017, Aoyama Gakuin University, invited
- Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” Statistical Research Seminar, October 20, 2017, Research Institute of Capital Formation, Development of Japan, invited

Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” Economics Workshop (Tohoku University), October 5, 2017, Tohoku University, invited

Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” The Urban Economics Workshop 2017, September 22, 2017, the University of Tokyo, invited

Nakajima, Kentaro, “Workers’ Communication Network and Their Working Performance,” Kyoto Summer Workshop on Applied Economics, August 2, 2017, Kyoto University, invited

Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” Kindai Economics Workshop, July 20, 2017, Kindai University, invited

Nakajima, Kentaro and Kensuke Teshima, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” 7th European Meeting of the Urban Economics Association, Copenhagen, Denmark, May 26, 2017, refereed

Nakajima, Kentaro, “Identifying Neighborhood Effects among Firms: Evidence from the Location Lotteries of the Tokyo Tsukiji Fish Market,” 2017 GSE-OSSIP Joint Seminar in Economics, Machikaneyama Seminar, April 6, 2017, Osaka University, invited

(In Japanese)

Nakajima, Kentaro, “Innovation and City (Special Talk),” the Autumn Meeting of the Japanese Economic Association 2018, September 8, 2018, Gakushuin University, invited

Nakajima, Kentaro, “Testing Localizations Using Microdata: Application to Network Data,” the Spring Meeting of the Japanese Economic Association 2017, Biwako-Kusatsu Campus of Ritsumeikan University, June 24, 2017, invited



Toshihiro Nishiguchi

■ Education

- 1990 D.Phil. (Sociology), University of Oxford
- 1981 M.Sc., Imperial College, University of London
- 1977 B.A., Waseda University

■ Professional Positions

- 2018 ~ Visiting Professor, Musashi University
- 2016 Fall
Academic Visitor, Nissan Institute of Japanese Studies, the University of Oxford
- 2016 Adjunct Professor, Institute of Innovation Research, Hitotsubashi University (~March 2018)
- 2016 Professor Emeritus, Hitotsubashi University
- 2012 Fulbright Visiting Scholar, the Massachusetts Institute of Technology, the Sloan School of Management (~2013)
- 2008~ Senior Research Fellow, Policy Research Institute, Ministry of Finance
- 2007 Part-time Director, Defense Procurement Structure Improvement Foundation (~2012)
- 2004 Fall; 2005 Summer
Visiting Scholar, Center for International Studies, the Massachusetts Institute of Technology
- 2002 Summer; 2003 Summer
Visiting Senior Research Scholar, School of Public Affairs, Center for Public Policy and Private Enterprise, the University of Maryland
- 2001 Summer
Academic Visitor, The Judge Institute of Management, the University of Cambridge
- 1997 Professor, Institute of Innovation Research, Hitotsubashi University (~March 2016)
- 1994 Associate Professor, Institute of Business Research, Hitotsubashi University
- 1991 Assistant Professor, The Wharton School, the University of Pennsylvania
- 1990 Post-Doctoral Fellow, INSEAD (European Institute of Business Administration)
- 1986 Research Fellow, International Motor Vehicle Program, the Massachusetts Institute of Technology (~1989)

■ Research Achievements

1. Publications

1.1. Book

- (In Japanese)
Nishiguchi, Toshihiro and Motoko Tsujita, *Community Capital: The Secrets of Long-term Prosperity of Ohmi Merchants, Wenzhou Firms, and Toyota*, Tokyo: Kobunsha, December 2017, 334 pages
- Nishiguchi, Toshihiro and Motoko Tsujita, *Community Capital: The Prosperity and Limits of China's Wenzhou Entrepreneurial Networks*, Tokyo: Yuhikaku, July 2016, 458 pages

1.2. Articles and Chapters in Books

Nishiguchi, Toshihiro and Alexandre Beaudet, “The Toyota Group and the Aisin Seiki Fire,” in Fujimoto, Takahiro and Daniel Arturo Heller, eds., *Industries and Disasters: Building Robust and Competitive Supply*, New York, NY: Nova Science Pub Inc., October 2017, Chap. 5, pp. 117-146,

(In Japanese)

Nishiguchi, Toshihiro, “Reformulating Networks by ‘Middle-range’ Community Capital,” in Kanamitsu, Jyun, ed., *Social Capital and Management*, Tokyo: Minervashobo, Chap. 5, forthcoming

Nishiguchi, Toshihiro, “Networks for What?,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 56-67

Nishiguchi, Toshihiro and Motoko Tsujita, “An Introduction to Community Capital: The Functions of Imprinting, Commensurate Trust and Quasi-ties,” *Soshiki Kagaku (Organizational Science)*, Vol. 50, No. 3, March 2017, pp. 4-15 (refereed)

2. Unpublished Work

2.1. Working Papers

Nishiguchi, Toshihiro, “Crisis Management Under Stress: How Japanese Automakers Helped a Key Electronics Supplier After the Fukushima Disaster,” IIR Working Paper WP# 18-31, March 2018

Nishiguchi, Toshihiro, “Crisis Management in Fukushima: How Commensurate Trust Emerged through Collaboration between Toyota, Nissan, Denso and Others,” IIR Working Paper WP# 18-30, March 2018

(In Japanese)

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : Applied Materials Japan,” IIR Working Paper WP# 18-40, March 2018

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : Tokyo Electron,” IIR Working Paper WP# 18-39, March 2018

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : Denso,” IIR Working Paper WP# 18-38, March 2018

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : Hino Motors,” IIR Working Paper WP# 18-37, March 2018

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : Nissan,” IIR Working Paper WP# 18-36, March 2018

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : Renesas,” IIR Working Paper WP# 18-35, March 2018

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : METI,” IIR Working Paper WP# 18-34, March 2018

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : Toyota II,” IIR Working Paper WP# 18-33, March 2018

Nishiguchi, Toshihiro, “Today’s Oral History: Crisis Management in Fukushima : Toyota I,” IIR Working Paper WP# 18-32, March 2018

Nishiguchi, Toshihiro and Motoko Tsujita, “Support for the Renesas Recovery Effort after the Great East Japan Earthquake: Commensurate Trust Emerged,” IIR Working Paper WP#17-06, May 2017

Nishiguchi, Toshihiro and Satoru Oguchi, “Today’s Oral History: Ghosn Reforms and the Power of CFTs as Explained by Mr. Jun-ichi Endo Who Became the Second Youngest Managing Director from within in Nissan’s History,” IIR Working Paper WP#16-08, August 2016

3. Awards

Community Capital: The Prosperity and Limits of China’s Wenzhou Entrepreneurial Networks (in Japanese, Yuhikaku, 2016, 458 pp., coauthored with Professor Motoko Tsujita), won the Tadao Kiyonari’s JASVE Award in December 2017, and the Main (as opposed to Next-rank) Prize of the Shoko Research Institute’s Annual Award for Outstanding Studies on Small Business in February 2017.



Kentaro Nobeoka

■ Education

- 2001 Ph.D. (Business Administration), Kobe University
- 1993 Ph.D. (Business Administration), Sloan School of Management, Massachusetts Institute of Technology
- 1988 M.B.A., Sloan School of Management, Massachusetts Institute of Technology
- 1981 B.S. (Engineering), Osaka University

■ Professional Positions

- 2018~ Professor, Graduate School of Economics, Osaka University
- 2012 Director, Institute of Innovation Research, Hitotsubashi University (~March 2018)
- 2008 Professor, Institute of Innovation Research, Hitotsubashi University (~October 2018)
- 1999 Professor, Research Institute for Economics & Business Administration, Kobe University (~2008)
- 1994 Associate Professor, Research Institute for Economics & Business Administration, Kobe University (~1999)
- 1981 Mazda Motor Corporation (~1989)

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

(In Japanese)

Nobeoka, Kentaro, “Management of Value Creation through Customer Value Innovation,” in Japan Finance Corporation Research Institute, ed., *Japan Finance Corporation Research Institute Monthly Report: Now and the Future of Small and Medium-sized Firms*, No. 111, December 2017, pp. 4-15

Nobeoka, Kentaro, “Potential Problems in Value Creation,” in Yasumoto, Masanori and Seiji Manabe, eds., *Strategy for Open Business: Innovation across Boundaries*, Tokyo: Yuhikaku, December 2017, pp. 341-359

Nobeoka, Kentaro, “Introduction,” in Hitotsubashi University Institute of Innovation Research, ed., *Introduction to Innovation Management* (2nd edition), Tokyo: Nihon Keizai Shimbunsha, October 2017, pp. i-iv

Nobeoka, Kentaro, “Business Case / iRobot: Technological Innovation of Its Vacuuming Robot ‘Roomba’,” *Hitotsubashi Business Review*, Vol. 65, No. 2, September 2017, pp. 162-175

Nobeoka, Kentaro, “Changes of Customer Value into Tacit Nature,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 20-30

Nobeoka, Kentaro, “Service-Value Creation in the Manufacturing Firms,” *Serviceology*, Society for Serviceology, Vol. 3, No. 3, October 2016, pp. 4-11

Nobeoka, Kentaro, "Engineering and Value Creation," *IE Review*, the Japan Institute of Industrial Engineering, Vol. 57, No. 2, May 2016, pp. 6-11

1.2. Others

(In Japanese)

Nobeoka, Kentaro, "Customer Value Innovation with SEDA Model," *DIAMOND Quarterly*, SPRING 2018, pp. 4-13

Nobeoka, Kentaro, "Value Creation Management for Customers to Pay a Premium Price Pleasantly," *TKC*, TKC Corporation, No. 533, June 2017, pp. 36-43

Nobeoka, Kentaro, "Yasashii Keizaigaku Column: Customer Value-focused Innovation (1)-(10)," *Nihon Keizai Shimbun*, March 8-21, 2017

Nobeoka, Kentaro, "Importance of Value Creation Management," *Diamond Management Forum*, Winter 2016, pp. 28-31

Nobeoka, Kentaro, "Management of Value-added Creation," *NETT*, North East Think Tank of Japan, No. 94, October 2016, page 1

2. Conference Papers, Presentations

Nobeoka, Kentaro, "Innovation Management in New Normal Era at Japanese Manufacturing Firms," the Kyunghyang Forum "The New Normal Era--Innovation & Insights," September 28, 2016, Seoul, Korea

Nobeoka, Kentaro and Megumi Kimura, "Art Thinking beyond Design Thinking Mazda Design: Car as Art," PICMET'16 "Technology Management for Social Innovation," September 5, 2016, Hawaii, USA

(In Japanese)

Mano, Shigeru and Kentaro Nobeoka, "Product Development Processes for Autonomous Products: Case of Robotic Vacuum Cleaner Roomba," the 32nd Annual Meeting of the Japan Society for Research Policy and Innovation Management, October 28, 2017, Yoshida Campus of Kyoto University, refereed

Nobeoka, Kentaro, "Integrated Value Creation: Design Engineering and Art-thinking," Regular Meeting of the Japanese Academic Association for Organizational Science, June 21, 2017, Tokyo, invited

Nobeoka, Kentaro, "Tacit Customer Value: Importance of Integrated Value and SEDA Model," Nikkei Kigyo-Kodo Conference 2017, March 30, 2017, Kanagawa



Atsushi Ohyama

■ Education

- 2008 Ph.D. (Economics), State University of New York at Buffalo
- 2002 M.A. (Economics), University of Chicago
- 1999 M.A. (Economics), Graduate School of Economics, Keio University
- 1997 B.A., Department of Commerce, Yokohama City University

■ Professional Positions

- 2017 Visiting Fellow, Robert H. Smith School of Business, University of Maryland (~March 2018)
- 2015~ Associate Professor, Institute of Innovation Research, Hitotsubashi University
- 2010 Associate Professor, Graduate School of Economics and Business Administration, Hokkaido University
- 2009 Lecturer, School of Management, University of Illinois at Urbana-Champaign
- 2008 Post-doctorate Researcher, IGB, University of Illinois at Urbana-Champaign

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

(In Japanese)

Ohyama, Atsushi, Ryo Kambayashi, Taisuke Kameda, Takuma Kawamoto and Shigeru Sugihara, "Management Practices for Improving Productivity: Evidence from Japan MOPS," *Tōkei*, Japan Statistical Association, Vol. 69, No. 9, September 2018, pp. 20-29

Ohyama, Atsushi, "Roles of Incentives in Innovative Activity," *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 78-88

2. Unpublished Work

2.1. Working Paper

Agarwal, Rajshree, Serguey Braguinsky and Atsushi Ohyama, "Centers of Gravity: The Effect of Shared Leadership and Stability in Top Management Teams on Firm Growth and Industry Evolution," SSRN Working Paper, October 16, 2017
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3053883

Ohyama, Atsushi, "Industry Growth through Spinoffs and Startups," RIETI Discussion Paper Series 17-E-057, March 2017

Ohyama, Atsushi, Ryo Kambayashi, Taisuke Kameda, Takuma Kawamoto and Shigeru Sugihara, "Management in Japan: A First Look at Japan MOPS Data," Mimeo, 2017

3. Conference Papers, Presentations

Ohyama, Atsushi, “Overview of JP MOPS,” International Management Surveys Conference, December 6, 2017, U.S. Census Bureau, Suitland, Maryland, USA

Ohyama, Atsushi, “Industry Growth through Acquisitions and Spinoffs,” 7th Asia-Pacific Innovation Conference, November 19, 2016, Fukuoka

Ohyama, Atsushi, “Industry Growth through Acquisitions and Spinoffs,” 20th Annual Conference of the Society for Institutional and Organizational Economics, June 16, 2016, Paris, France



Yoshimi Okada

■ Education

- 1993 M.S. (Physics), The University of Tokyo
- 1991 B.S. (Physics), The University of Tokyo

■ Professional Positions

- 2017~ Adjunct Assistant Professor, Institute of Innovation Research, Hitotsubashi University
- 2017~ Director, Optical Devices Division, the Japan Patent Office
- 2014 Professor, Institute of Innovation Research, Hitotsubashi University (~March 2017)
- 2013 Director of the Optical Control Subdivision, the Japan Patent Office
- 2009 Administrative Judge, Appeals Department, the Japan Patent Office
- 2007 Secretariat of Intellectual Property Strategy Headquarters, Cabinet Secretariat (engaged in revising the Intellectual Property Strategic Program)
- 2003 Administrative Affairs Division, the Japan Patent Office (engaged in planning “Patent Prosecution Highway” framework)
- 2001 Technology Research Division, the Japan Patent Office (engaged in IP policy planning)
- 1999 International Affairs Division, Japan Patent Office (engaged in cooperation project among Japan, Europe and United States)
- 1997 Patent Examiner (Liquid Crystal, LED, Laser Optical Fiber, Camera etc.)
Visiting Scholar, University of California, Santa Cruz
- 1993 The Japan Patent Office, Ministry of International Trade and Industry (MITI)

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

- Okada, Yoshimi and Sadao Nagaoka, “Global Spread of Pharmaceutical Patent Protection: Micro Evidence from the International Equivalents of Drug,” *Patents in Japan*, Millennial Asia, Vol. 8, No. 1, April 2017, pp. 26-47
(In Japanese)
- Okada, Yoshimi, “An Intellectual Property High Court Grand Panel’s Judgement on the Scope of a Term-Extended Patent: An Appeal Case Seeking an Injunction Against Alleged Infringement of a Patent Relating to Oxaliplatin (Heisei 28 (Ne) No. 10,046),” *Patent*, Vol. 70, No. 8, August 2017, pp. 105-115
- Okada, Yoshimi, “Patent System Reform: Redesigning the Basic Incentive Structure through Introducing Restriction of Injunction and Treble Damages as Well as Abolishing the Criminal Penalties for Patent Infringement,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 110-120

2. Unpublished Work

2.1. Working Papers

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, “Impact of Patent Scope on Subsequent Inventions: Findings from a New Measure,” IIR Working Paper WP#17-03, February 2017

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, “Contribution of Patent Examination to Making the Patent Scope Consistent with the Invention: Evidence from Japan,” RIETI Discussion Paper Series 16-E-092, November 2016

Okada, Yoshimi and Sadao Nagaoka, “Global Spread of Pharmaceutical Patent Protections: Micro Evidence from the International Equivalents of the Drug Patents in Japan,” IIR Working Paper WP#16-07, July 2016

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, “Claim Length as a Value Predictor of a Patent,” IIR Working Paper WP#16-04, April 2016

3. Conference Papers, Presentations

Okada, Yoshimi, “Effects of Quality Improvement in International Search Reports on Patent Applicants’ Behavior: Evidence from Examination Policy Change in the Japan Patent Office in 1999,” 1st Asia-Pacific Industrial Organisation Conference (APIOC 2016), December 12, 2016, Melbourne, Australia

Okada, Yoshimi, “Effects of Quality Improvement in International Search Reports on Patent Applicants’ Behavior: Evidence from Examination Policy Change in the Japan Patent Office in 1999,” 7th Asia-Pacific Innovation Conference, November 20, 2016, Fukuoka

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, “Contribution of Patent Examination to Making the Patent Scope Consistent with the Invention: Evidence from Japan,” 7th Asia-Pacific Innovation Conference, November 20, 2016, Fukuoka

Okada, Yoshimi, “Effects of Quality Improvement in International Search Reports on Patent Applicants’ Behavior: Evidence from Examination Policy Change in the Japan Patent Office in 1999,” the annual OECD IP Statistics for Decision Makers (IPSDM) Conference 2016, November 16, 2016, Sydney, Australia

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, “Contribution of Patent Examination to Making the Patent Scope Consistent with the Invention: Evidence from Japan,” 11th Annual Conference of the EPIP Association 2016, September 5, 2016, Oxford, U.K.

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, “Contribution of Patent Examination to Making the Patent Scope Consistent with the Invention: Evidence from Japan,” 43rd EARIE Annual Conference, August 26, 2016, Lisbon, Portugal University

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, "Contribution of Patent Examination to Making the Patent Scope Consistent with the Invention: Evidence from Japan," the 2016 Asian Meeting of the Econometric Society (AMES2016), August 11, 2016, Kyoto

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, "Contribution of Patent Examination to Making the Patent Scope Consistent with the Invention: Evidence from Japan," Spring Meeting of the Japanese Economic Association, June 18, 2016, Nagoya

(In Japanese)

Okada, Yoshimi, "Effects of Quality Improvement in International Search Reports on Screening Overseas Patent Applications: Evidence from the Examination Policy Change in the Japan Patent Office in 1999," Workshop on Empirical Studies of Patent Systems, March 18, 2017, Hitotsubashi University

Okada, Yoshimi, Yusuke Naito and Sadao Nagaoka, "Inverse of the Number of Characters in the First Claim as a Proxy of the Scope of a Patent Right and Its Predictive Power of Patent Value," the 14th Annual Meeting of the Intellectual Property Association of Japan, December 4, 2016, Misakicho Campus of Nihon University

Okada, Yoshimi, "Effects of Quality Improvement in International Search Reports on Patent Applicants' Behavior: Evidence from the Examination Policy Change in the Japan Patent Office in 1999," Innovation Research Forum, July 27, 2016, Hitotsubashi University



Hiroshi Shimizu

■ Education

- 2007 Ph.D. (Economic History), London School of Economics and Political Science, University of London
- 2002 M.A. (History), Northwestern University
- 1999 M.A. (Commerce), Hitotsubashi University
- 1997 B.A. (Commerce), Chuo University

■ Professional Positions

- 2017~ Professor, Institute of Innovation Research, Hitotsubashi University
- 2011 Associate Professor, Institute of Innovation Research, Hitotsubashi University
- 2008 Assistant Professor, Institute of Innovation Research, Hitotsubashi University
- 2007 Postdoctoral Fellow, Department of Technology Management, Eindhoven University of Technology

■ Research Achievements

1. Publications

1.1. Articles and Chapters in Books

Hori, Keisuke, Yusuke Hoshino and Hiroshi Shimizu, “Which Do You Prefer, Artisanal or Laboratory Made?: Quantification in Traditional Japanese Sake Brewing,” *Hitotsubashi Journal of Commerce and Management*, Vol. 51, No. 1, October 2017, pp. 1-16

(In Japanese)

Shimizu, Hiroshi, Shotaro Yamaguchi and Donghoon Kim, “Innovation and Mobility: Dilemma between Firm Growth and Industrial Renaissance,” *Securities Analysts Journal*, the Securities Analysts Association of Japan, Vol. 56, No. 6, June 2018, pp. 6-15

Shimizu, Hiroshi and Seiichiro Yonekura, “History of Innovation,” in Hitotsubashi University Institute of Innovation Research, ed., *Introduction to Innovation Management* (2nd edition), Tokyo: Nihon Keizai Shimbunsha, October 2017, Chap. 2, pp. 22-49

Shimizu, Hiroshi and Mikiharu Noma, “Innovation and Entrepreneurship,” *ibid.*, Chap. 6, pp. 144-164

Aoshima, Yaichi and Shimizu Hiroshi, “Resource Allocation and Knowledge Creation for Innovation,” *ibid.*, Chap. 7, pp. 165-184

Aoshima, Yaichi and Shimizu Hiroshi, “Innovation and Inter-Firm Relations,” *ibid.*, Chap. 10, pp. 246-277

Shimizu, Hiroshi, “Innovation Is Becoming Low Hanging Fruit?,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 90-98

Shimizu, Hiroshi, "Is Statistics the Most Powerful Approach in Management Studies?: Can't be!, But It is Being Constructed as 'the Best'," *Management Philosophy*, Vol. 13, No. 2, October 2016, pp. 2-10

Shimizu, Hiroshi, "The 'New' New Value Creation Strategy: Thinking of Open Innovation (5)," *Hitotsubashi Business Review*, Vol. 64, No. 1, June 2016, pp. 100-103

1.2. Others

(In Japanese)

Shimizu, Hiroshi, "Why Don't We Have More Time?," *Soshiki Kagaku* (Organizational Science), Academic Association for Organizational Science, Vol. 50, No. 4, June 2017, p. 85

Shimizu, Hiroshi, "What Is Necessary for Innovation? (2) Spin-out and Innovation: How Spin-out Can Retard Technological Development," *Nihon Keizai Shimbun*, December 30, 2016, p. 19

2. Unpublished Work

2.1. Working Paper

Yamaguchi, Shotaro, Ryuji Nitta, Yasushi Hara and Hiroshi Shimizu, "Staying Young at Heart or Wisdom of Age: Longitudinal Analysis of Age and Performance in US and Japanese Firms," IIR Working Paper WP#18-41, June 2018

Shimizu, Hiroshi and Naohiko Wakutsu, "Spin-Outs and Patterns of Subsequent Innovation: Technological Development of Laser Diodes in the US and Japan," IIR Working Paper WP#17-14, August 2017

(In Japanese)

Fukuda, Kazufumi, Fumihiko Ikuine, Akito Inoue, Donghoon Kim, Megumi Kimura, Akinori Nakamura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, "Tomohiro Nishikado, Oral History (3rd, 2): Game Design and Marketing of 'Space Invaders'," IIR Working Paper WP#18-27, February 2018

Fukuda, Kazufumi, Fumihiko Ikuine, Akito Inoue, Donghoon Kim, Megumi Kimura, Akinori Nakamura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, "Tomohiro Nishikado, Oral History (3rd, 1): Process of Developing 'Space Invaders'," IIR Working Paper WP#18-26, February 2018

Eto, Manabu, Fumihiko Ikuine, Donghoon Kim, Megumi Kimura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, "Tomohiro Nishikado, Oral History (2nd, 2): From Mechanical Games to Video Games," IIR Working Paper WP#18-25, February 2018

Eto, Manabu, Fumihiko Ikuine, Donghoon Kim, Megumi Kimura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, "Tomohiro Nishikado, Oral History (2nd, 1): Development of 'Sky Fighter'," IIR Working Paper WP#18-24, February 2018

Eto, Manabu, Fumihiko Ikuine, Donghoon Kim, Megumi Kimura, Akinori Nakamura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, "Tomohiro Nishikado, Oral History (1st, 2): Since High School Days until Joining PMC," IIR Working Paper WP#18-23, February 2018

Eto, Manabu, Fumihiko Ikuine, Donghoon Kim, Megumi Kimura, Akinori Nakamura, Morihiro Shigihara, Hiroshi Shimizu and Shotaro Yamaguchi, “Tomohiro Nishikado, Oral History (1st, 1): Personal History until Junior High School Days,” IIR Working Paper WP#18-22, February 2018

Shimizu, Hiroshi, Morihiro Shigihara and Shotaro Yamaguchi, “Hideki Satoh, Oral History (3rd, 2): Sega Saturn, Dreamcast, the Turning into Software Developer,” IIR Working Paper WP#18-21, February 2018

Shimizu, Hiroshi, Morihiro Shigihara and Shotaro Yamaguchi, “Hideki Satoh, Oral History (3rd, 1): Hardware and Software in Games,” IIR Working Paper WP#18-20, February 2018

Shimizu, Hiroshi, Morihiro Shigihara and Shotaro Yamaguchi, “Hideki Satoh, Oral History (2nd, 2): Competition with Nintendo in Consumer Game Machine,” IIR Working Paper WP#18-19, February 2018

Shimizu, Hiroshi, Morihiro Shigihara and Shotaro Yamaguchi, “Hideki Satoh, Oral History (2nd, 1): The Outset of Developing TV Games,” IIR Working Paper WP#18-18, February 2018

Shimizu, Hiroshi, Donghoon Kim, Morihiro Shigihara and Shotaro Yamaguchi, “Hideki Satoh, Oral History (1st, 2): From Junior High School until Entrance into SEGA,” IIR Working Paper WP#18-17, February 2018

Shimizu, Hiroshi, Donghoon Kim, Morihiro Shigihara, and Shotaro Yamaguchi, “Hideki Satoh, Oral History (1st, 1): The Life in Childhood,” IIR Working Paper WP#18-16, February 2018

Fukuda, Kazufumi, Akihito Inoue, Morihiro Shigihara, Hiroshi Shimizu, Shotaro Yamaguchi and Wei Huang, “Youji Kawaguchi, Oral History (1st, 2): The Pioneering Magazine of Consumer Games,” IIR Working Paper WP#18-02, January 2018

Fukuda, Kazufumi, Akihito Inoue, Morihiro Shigihara, Hiroshi Shimizu, Shotaro Yamaguchi and Wei Huang, “Youji Kawaguchi, Oral History (1st, 1): Before the Job of Publishing the Game Magazine,” IIR Working Paper WP#18-01, January 2018

3. Conference Papers, Presentations

Yamaguchi, Shotaro, Yasushi Hara and Hiroshi Shimizu, “Which Would You Prefer, Artisanal or Laboratory Made?: How Quantification Came into the Sake Brewery Industry,” the Business History Conference, March 31, 2017, Denver, Colorado, USA

Shimizu, Hiroshi, Yasushi Hara and Shotaro Yamaguchi, “How R&D Performance Is Degraded by Rivals? Longitudinal Analysis on Japanese Firms Based on Patent Data, and Research and Development Survey,” 7th Asia-Pacific Innovation Conference, November 20, 2016, Fukuoka

4. Awards

33rd Takamiya Award for the Best Book, *General Purpose Technology no Innovation* (Innovations in General Purpose Technology, written in Japanese, published by Yuhikaku in March 2016), the Academic Association for Organizational Science, June 2017

59th Nikkei Prize for Excellent Books in Economic Science, *General Purpose Technology no Innovation*, November 2016, Japan Center for Economic Research



Seiichiro Yonekura

■ Education

- 1990 Ph.D. (History), Harvard Graduate School of Arts and Sciences
- 1981 M.A. (Japanese Business History), Graduate School of Social Sciences, Hitotsubashi University
- 1979 B.A. (Japanese Economic History), Faculty of Economics, Hitotsubashi University
- 1977 B.A. (Japanese History), Faculty of Social Sciences, Hitotsubashi University

■ Professional Positions

- 2017~ Adjunct Professor, Institute of Innovation Research, Hitotsubashi University
- 2017~ Professor Emeritus, Hitotsubashi University
- 2017~ Professor, Hosei Business School of Innovation Management
- 2015~ Academic Advisor, Center for Japanese Studies, University of Pretoria (South Africa)
- 2012 Academic Director, Center for Japanese Studies, Gordon Institute of Business Science, University of Pretoria (South Africa, ~2015)
- 2008 Director, Institute of Innovation Research, Hitotsubashi University (~2012)
- 2004 Spring
Visiting Professor, Institute du Management Bouygues, HEC (France)
- 2003 Co-president, Institute of Strategy, Sony Corporation (~2004)
- 2003 Spring
Visiting Professor, Institute du Management Bouygues, HEC (France)
- 2001 Fall
J.A. Valentine Visiting Professor, Department of Marketing, University of Otago (New Zealand)
- 1999 Director, Institute of Innovation Research, Hitotsubashi University (~2001)
- 1997 Professor, Institute of Innovation Research, Hitotsubashi University (~2017)
- 1995 Professor, Institute of Business Research, Hitotsubashi University
- 1992 Core Faculty of Global Leadership Program at the University of Michigan (An Executive Program for Action Learning) (~1995)
- 1988 Associate Professor, Institute of Business Research, Hitotsubashi University
- 1984 Assistant Professor, Institute of Business Research, Hitotsubashi University
- 1982 Senior Research Assistant, Institute of Business Research, Hitotsubashi University

■ Research Achievements

1. Publications

1.1. Books

(In Japanese)

Yonekura, Seiichiro, *Konosuke MATSUSHITA*, Tokyo: Minervashobo, September 2018, 280 pages

Yonekura, Seiichiro, *Creative Response: Entrepreneurial History of Modern Japan*, Tokyo: Toyokeizai, April 2017, 328 pages

1.2. Articles and Chapters in Books

Yonekura, Seiichiro, “Review of Juroh Hashimoto, *Sengo Nihon Keizai no Seichou Kouzou: Kigyō System to Sangyō Seisaku no Bunseki* (The Structure of Postwar Japan’s Economic Growth: An Analysis of Enterprise Systems and Industrial Policy),” in Takeda, Haruhito, ed., *Micro-Performance during Postwar Japan’s High-Growth Era*, Singapore: Springer, August 2016, pp. 153-156

(In Japanese)

Shimizu, Hiroshi and Seiichiro Yonekura, “History of Innovation,” in Hitotsubashi University Institute of Innovation Research, ed., *Introduction to Innovation Management* (2nd edition), Tokyo: Nihon Keizai Shimbunsha, October 2017, Chap. 2, pp. 22-49

Yonekura, Seiichiro, “No Crazy Entrepreneurs, No New Companies,” *Hitotsubashi Business Review*, Vol. 64, No. 4, March 2017, pp. 68-77

1.3. Others

(Book review, in Japanese)

Ihara, Ryoji, *Muda no Kaizen Kaizen no Muda / Shukan Dokushojin Web*, August 14, 2017, <https://dokushojin.com/article.html?i=1887>

(In Japanese)

Yonekura, Seiichiro, “Why Open Innovation Now?,” *JBPRESS*, September 20, 2018
<http://jbpress.ismedia.jp/articles/-/54118>

Yonekura, Seiichiro, “Innovation in Asia,” *Rekishi Kaido*, PHP Institute, April 2018, pp. 24-27

Yonekura, Seiichiro, “Yataro IWASAKI,” *PRESIDENT*, February 12, 2018 Issue, pp. 36-37

Yonekura, Seiichiro, “Keynote Speech: Innovation for Tomorrow,” *Monthly Bulletin of Kyushu Economic Research*, Kyushu Economic Research Center, Vol. 71, No. 869, September 2017, pp. 32-34

Yonekura, Seiichiro, “The Industrial Revolution Caused by the Agricultural Revolution,” *Weekly Economist*, Mainichi Shimbunsha, Vol. 95, No. 33, August 29, 2017 Issue, August, 2017, pp. 36-37

2. Conference Papers, Presentations

Yonekura, Seiichiro, “Keynote Lecture: Female Entrepreneurs Unlocking the Future,” International Symposium “Female Entrepreneurs Unlocking the Future,” organized by IIR and Japan Gaze Innovation Challenge (JGIC), March 9, 2017, Hitotsubashi University Josuikai Centennial Hall

Yonekura, Seiichiro, “The Hungarian and the Japanese Economic Operations and Performance,” Hungarian Economic Society’s Student Organization, the Budapest University of Technology and Economics, April 5th, 2016, Budapest, Hungary, invited

(In Japanese)

Yonekura, Seiichiro, “Only Crazy People Can Change the World!,” 2018 Marunouchi Regular Seminar held by the Academic Association for Organizational Science, May 9, 2018, Tokyo, invited

2. International Visiting Researchers — Apr. 2016~ Mar. 2018

LEE, Sang-Gun

Professor, Sogang University Business School

December 13, 2017 - March 31, 2018

Research Theme: A Comparative Study on Industrial Linkage Effect Between Japan and Korea

Ashish BHARADWAJ

Associate Professor, Jindal Global Law School, O.P. Jindal Global University

July 31, 2017 - November 30, 2017

Research Theme: Licensing of Standard-essential Patents: Recent Legal Disputes & Policy Challenges in India

Jean-Baptiste Marc LITRICO

Associate Professor, Smith School of Business, Queen's University

March 1, 2017 - July 31, 2017

Research Theme: Diffusion of Corporate Environmental Management Practices: Social Movements and Industry Greening in the Japanese Context

Dumisani MAGADLELA

Programme Manager, Pan African Capacity Building Programme,

Development Bank of Southern Africa (DBSA)

January 29, 2016 - April 28, 2016

Research Theme: Coaching and Mentoring, Capacity Building and Inherent Human Connection

III. Education



1. Courses Given by the IIR Faculty Members — Apr. 2016 ~ Mar. 2018

	Fiscal Year	
	2016	2017
Graduate School of Commerce and Management		
Master's and Doctoral Program		
<i>[Courses provided by the Innovation kozas]</i>		
Advanced Innovation Management	Karube	Karube
Innovation, Strategy and Organization		Nobeoka
Advanced Corporate Strategy	Nobeoka	
Organizational Relations	Nishiguchi	Nishiguchi
Innovation, Policy and Institution	Eto/Okada	Eto
Economic Analysis of Innovation	Ohyama	Nakajima
Network Organization		Nakajima
History of Technology and Entrepreneurship	Yonekura	
Special Lecture: International Comparison of Innovation 2	Yonekura	
<i>[Courses provided by the Business Economics kozas]</i>		
Institutional Environment of Innovation	Malen	Malen
Innovation, Management, Economics and Policy	Aoshima/Eto/ Okada	Aoshima/Eto
Innovation Research Methods	Aoshima/Eto/ Okada/Kobayashi	Aoshima/Eto
Advanced Science Technology and Innovation	Aoshima/Ohyama	Aoshima
Seminar	Nishiguchi/ Yonekura/ Nobeoka/Aoshima/ Karube/Shimizu/ Ohyama/Malen	Nobeoka/ Aoshima/ Nakajima/Karube/ Kang/Shimizu/ Malen
MBA Program		
Business Economics	Ohyama	
Entrepreneurship	Yonekura	
Corporate Organization	Aoshima	Aoshima
Technology Strategy	Nobeoka	Nobeoka
Strategic Analysis	Karube	Karube
Workshop: Management D (Corporation and Industry)	Shimizu	Shimizu
Workshop: Innovation	Nobeoka	Nobeoka
Hitotsubashi Senior Executive Program (HSEP)		
	Aoshima/Yonekura	Aoshima
Hitotsubashi Financial Leadership Program (HFLP)		
	Aoshima	

Undergraduate Program in the Faculty of Commerce and Management		
Innovation Management	Nishiguchi	Nishiguchi
Production and Operations Management	Karube	
Introduction to Business Economics		Nakajima
Interactive Course on Business Basics (Management)	Malen	Malen
Advanced Course in Management	Malen	Malen
Proseminar I (Intensive Readings)	Ohyama	Nakajima/Kang
Proseminar II (Intensive Readings)		Nakajima/Kang
Undergraduate Introductory Seminar I	Nishiguchi	Nishiguchi/Kang
Undergraduate Introductory Seminar II	Yonekura	Eto
Seminar	Aoshima/Karube/ Shimizu/Ohyama	Aoshima/ Karube/ Nakajima/ Shimizu/
Graduate School of Economics		
Master's and Doctoral Program		
Workshop/Research Workshop: Industry and Labor	Ohyama	

2. Innovation Management and Policy Program

— Apr. 2016 ~ Mar. 2018

1. Overview

The Innovation Management and Policy Program (IMPP) is a doctorate-level certificate program training researchers to work in the management of innovation at private organizations or in the design of science and technology policy within public institutions. Students will study management and economic theories while developing skills for applying social science research methods. Based on this learning they will develop original academic research papers on topics related to innovation management or policy. By integrating education and research, the program aims to develop professionals capable of strengthening systems and knowledge supporting innovation in Japan and around the world.

This program is supported by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) “Science for RE-designing Science, Technology and Innovation Policy” Human Resource Development program (Cultivating Academic field hubs).

2. Students

IMPP students consist of doctoral students at Hitotsubashi University, doctoral students at other universities, and students holding a Master’s degree (or equivalent) currently working in private industry or the public sector. Classes are held primarily on Wednesday evenings and Saturdays. To complete the program students must take Innovation Research Seminar I & II, three mandatory courses and two elective courses. In addition, two academic papers must be submitted.

3. Results

Academic Year 2017: 26 Students enrolled (as of March, 2018)

	AY 2015	AY 2016	AY 2017
Entrants	8 (3)	6 (2)	8 (3)
Graduates	–	5 (2)	4 (0)

* numbers in parentheses indicate doctoral students of Hitotsubashi University

4. Main Events of Academic Year 2017

July 9th – July 13th	【2 students presented at the conference】 PICMET’17 conference Venue: Portland Marriott Downtown Waterfront, Portland, Oregon, U.S.A
August 20th – August 22nd	SciREX Summer Camp 2017 Venue: National Graduate Institute for Policy Studies (GRIPS)
August 23rd – August 24th	IIR Summer School 2017 Venue: Sano-shoin Hall of Hitotsubashi University

October 28th – October 29th	【7 students presented at the conference】 32nd Annual Academic Conference by Japan Society for Research Policy and Innovation Management Venue: Yoshida Campus, Kyoto University
March 29th	Debriefing of Case Studies of Regional Innovation Venue: National Graduate Institute for Policy Studies (GRIPS)

5. Main Events of Academic Year 2016

August 22nd – August 23rd	IIR Summer School 2016 Venue: Sano-shoin Hall of Hitotsubashi University
September 4th – September 8th	【2 students presented at the conference】 PICMET'16 conference Venue: Waikiki Beach Marriott Resort & Spa, Honolulu, Hawaii, U.S.A.
September 15th – September 17th	SciREX Summer Camp 2016 Venue: Matushima Ichinobo, Miyagi Prefecture
November 5th – November 6th	【4 students presented at the conference】 31st Annual Academic Conference by Japan Society for Research Policy and Innovation Management Venue: Aoyama Campus, Aoyama Gakuin University
November 18th – November 20th	【6 students presented at the conference】 The 7th Asia-Pacific Innovation Conference (APIC) Venue: Ito campus, Kyushu University (18th) ACROS Fukuoka (19 & 20th)
January 24th – January 25th	1st Open Forum for Science of Science, Technology and Innovation Policy Venue: Iino Hall & Conference Center
February 23rd	Workshop on Innovation in Digital Industries Venue: Sano-shoin Hall of Hitotsubashi University
March 23rd	Debriefing of Case Studies of Regional Innovation Venue: National Graduate Institute for Policy Studies

6. Courses

Required Courses:

1. Methodologies for Innovation Research; Summer term, 2 credits

Kentaro Nobeoka, Yaichi Aoshima, Hiroshi Shimizu, Tohru Yoshioka-Kobayashi and Byeongwoo Kang (AY 2017)

Kentaro Nobeoka, Yaichi Aoshima, Hiroshi Shimizu, Tohru Yoshioka-Kobayashi, Yukiko Konno and Yoshimi Okada (AY 2016)

This course provides students with instruction in applying a range of methods relevant to conducting research in the field of innovation studies.

2. Management, Economics and Policy for Innovation; Summer term, 2 credits

Yaichi Aoshima, Kentaro Nobeoka, Masaru Karube, Seiichiro Yonekura, Kentaro Nakajima, Manabu Eto and Byeongwoo Kang (AY 2017)

Yaichi Aoshima, Kentaro Nobeoka, Masaru Karube, Atsushi Ohyama, Seiichiro Yonekura, Manabu Eto, Yoshimi Okada and Sadao Nagaoka (AY 2016)

This course provides a comprehensive approach to understanding dimensions of social science underlying science, technology and innovation system, with particular focus on mechanisms supporting science, technology and innovation processes and their effectiveness.

3. Advanced Science Technology and Innovation; Winter term, 2 credits

Yaichi Aoshima (AY 2017)

Yaichi Aoshima (AY 2016)

This course is an omnibus class based on interactions among leading engineers, scientists, and social science researchers.

4. Innovation Research Seminar I; Summer term, 2 credits

Regular Faculty: Yaichi Aoshima, Manabu Eto, Kenji Asano, Tohru Yoshioka-Kobayashi, Megumi Kimura, Seiichiro Yonekura (AY2017), Ryo Taniguchi (AY2017), Seongmi Kim (AY2017), Ryuichi Tamura (AY2016) and Yukiko Konno (AY2016)

Guest Faculty (AY2017): Kentaro Nobeoka, Masaru Karube, Hiroshi Shimizu, Kentaro Nakajima and Byeongwoo Kang

Guest Faculty (AY2016): Kentaro Nobeoka, Seiichiro Yonekura, Toshihiro Nishiguchi, Yoshimi Okada, Masaru Karube, Hiroshi Shimizu and Atsushi Ohyama

The aim of this course is to promote the development of skills for writing journal papers, making academic presentation and improving the overall quality of student research.

5. Innovation Research Seminar II; Winter term, 2 credits

Regular Faculty: Yaichi Aoshima, Manabu Eto, Kenji Asano, Tohru Yoshioka-Kobayashi, Megumi Kimura, Seiichiro Yonekura (AY2017), Ryo Taniguchi (AY2017), Seongmi Kim (AY2017), Ryuichi Tamura (AY2016) and Yukiko Konno (AY2016)

Guest Faculty (AY2017): Kentaro Nobeoka, Masaru Karube, Hiroshi Shimizu, Kentaro Nakajima and Byeongwoo Kang

Guest Faculty (AY2016): Kentaro Nobeoka, Yoshimi Okada, Masaru Karube, Hiroshi Shimizu and Atsushi Ohyama

The aim of this course is to promote the development of skills for writing journal papers, making academic presentation and improving the overall quality of student research.

Elective Courses:

Electives are offered jointly with the Graduate School of Commerce and Management:

1. Economic Analysis of Innovation; Summer term, 2 credits

Kentaro Nakajima (AY 2017)

Atsushi Ohyama (AY 2016)

2. Innovation Management; Winter term 2 credits

Masaru Karube (AY 2016 & 2017)

3. Innovation, Policies and Systems; Winter term, 2 credits

Manabu Eto (AY 2017)

Manabu Eto and Yoshimi Okada (AY 2016)

IV. Research Results / Publications



1. Hitotsubashi Business Review — Apr. 2016 ~ Mar. 2018

To publish the findings of its research activities, the IIR issues a quarterly journal, called the *Hitotsubashi Business Review* (in Japanese). The rationale in editing the journal is to promote the theoretical and empirical study of innovation in a social and economic context. The editorial board comprises professors from several universities and company advisors, as well as IIR professors.

■ Contents

Title of Special Issues

Vol.65 No.4	“Aircraft Industry as a Future Business Development in Japan”
Vol.65 No.3	“Corporate Governance Reform in Japan: Transforming from ‘Form’ to ‘Substance’”
Vol.65 No.2	“Paradigm Shift of the Healthcare Policy and Management”
Vol.65 No.1	“Scientific Sources of Innovation: Beyond the Myth of Nobel Prize”
Vol.64 No.4	“Innovation Research Frontier for the Next 20 Years”
Vol.64 No.3	“Corporate Strategy for Business Transformation”
Vol.64 No.2	“New Industrial Revolution: Digital Disruption and Management Logic”
Vol.64 No.1	“Revitalizing Human Resource Management”

Featured Papers

Issue	Vol. / No.	Title	Author(s)
Mar. 2018	Vol.65 No.4	“Review of Aircraft Industry from the Viewpoint of Jet Airliner”	Shinji Suzuki (Professor, School of Engineering, The University of Tokyo)
		“National Aircraft Industry in Japan”	Hiroshi Shibutake (Project Professor, Center for Aviation Innovation Research, The University of Tokyo)
		“Aeronautical Technologies in Japan and International Competitiveness”	Toshiyuki Iwamiya / Takeshi Ohnuki / Masao Shirouzu (Director, Chief Engineer Office, Japan Aerospace Exploration Agency (JAXA) / Chief Engineer Office, JAXA / Chief Engineer Office, JAXA)
		“Mitsubishi Regional Jet: Challenges and Prospects to Become an Aircraft OEM”	Kazuhiko Ito / Kiyoshi Sakura / Shinichi Kobayashi / Shinichiro Taura (Managing Expert, Strategic Planning Department, Commercial Aviation & Transportation Systems, Mitsubishi Heavy Industries, Ltd. / Mitsubishi Aircraft Corporation / Mitsubishi Aircraft Corporation)
		“Innovation of ANA Management System through Introduction of New Generation Aircraft: Challenge from the Operator to Co-creator”	Go Nishimura (Chief Researcher, ANA Strategic Research Institute Co., Ltd.)
		“Challenge of Small Business in the Aircraft Industry”	Katsuhiko Sugiyama (President, K. K. Musashi Joho Kaihatsu)

Featured Papers (continued)

Issue	Vol. / No.	Title	Author(s)
Dec. 2017	Vol.65 No.3	“Review and Next Action Plan of Corporate Governance Reform in Japan”	Kunio Ito (Adjunct Professor, Graduate School of Commerce and Management, Hitotsubashi University)
		“Realization of Effective and Growth-oriented Corporate Governance”	Kazuhiro Takei (Partner, Nishimura & Asahi)
		“Japanese Corporate Governance: Reform Progress and Ongoing Challenges”	Scott Callon / Kenichiro Yoshida (Chief Executive Officer, Ichigo Asset Management, Ltd. / Vice president, Ichigo Asset Management)
		“Discipline for M&A Strategy”	Ungyong Shu (President and CEO, Core Value Management Company, Limited)
		“Empirical Study on Real Effects of Corporate Governance Reform in Japan”	Kunio Ito / Tetsuyuki Kagaya / Tomohiro Suzuki / Takuma Kochiyama (Adjunct Professor, Graduate School of Commerce and Management (GSCM), Hitotsubashi University / Associate Professor, GSCM, Hitotsubashi University / Associate Professor, Faculty of Business Administration, Asia University / Assistant Professor, GSCM, Hitotsubashi University)
		“Reexamination of Corporate Governance Structure in Japan: Empirical Analysis Including a Role of Product Market Competition”	Masaharu Hanazaki (Professor, GSCM, Hitotsubashi University)
Sep. 2017	Vol.65 No.2	“The Collapse and Beyond: Fantasies of Industry 4.0”	Hirotoshi Mitsuyama / Takao Nakazawa (Adjunct Associate Professor, School of General Education, Shinshu University / Professor, Faculty of Economics, Fukuyama University)
		“Japan Changing by the Healthcare Policy”	Youhei Ikeda (Assistant Director to the Counselor, Office of Healthcare Policy, Cabinet Secretariat)
		“Hospital Management: Reality and Solution”	Makio Kitazawa (Partner & Managing Director, The Boston Consulting Group)
		“Strengthening the Functions of Health Insurers and Building Collaboration with Healthcare Providers”	Michiko Moriyama (Professor, Graduate School of Biomedical & Health Sciences, Hiroshima University)
		“Community-based Food Education and Health Promotion from Perspective of Longevity Reproduction by Food in Okinawa”	Hidemi Todoriki (Visiting Associate Professor, Regional and International Study Center, University of the Ryukyus)
		“Business Model of the Innovative Company Leading the Healthcare Policy”	Hiroki Hayashi (Professor, Graduate School of Social Sciences, Hitotsubashi University)
		“Development of Health Care Administration in Japan: History, Current Achievement and Challenges as an Educational Program”	Hiromasa Sakaguchi (Lecturer, Graduate School of Health and Welfare, International University of Health and Welfare)
Jun. 2017	Vol.65 No.1	“Knowledge Maneuverability: Toward a Dynamic Duality View”	Ikujiro Nonaka / Katsuhiro Umemoto (Emeritus Professor, Hitotsubashi University / Emeritus Professor, Japan Advanced Institute of Science and Technology)
		“Nobel Prize in the Context of Science, Technology and Innovation Policy in Japan”	Shinichi Akaike / Yasushi Hara (Director, Science and Technology Foresight Center, National Institute of Science and Technology Policy, Ministry of Education, Culture, Sports, Science and Technology / Specialist, SciREX Center, National Graduate Institute for Policy Studies)

Featured Papers (continued)

Issue	Vol. / No.	Title	Author(s)
Jun. 2017	Vol.65 No.1	“There Is the Light That Never Fades Away: An Empirical Analysis for Nobel Prize Laureates”	Yasushi Hara / Yukihiko Kabeya / Amane Koizumi (Specialist, SciREX Center, National Graduate Institute for Policy Studies / National Institutes of Natural Sciences / Adjunct Professor, Research Enhancement Promotion Headquarters, National Institutes of Natural Sciences)
		“Star Scientists: The Engine of Innovation in Japan”	Hiromi Saito / Kanetaka Maki (Associate Professor, Graduate School of Humanities and Social Sciences, Chiba University / Assistant Professor, National Graduate Institute for Policy Studies)
		“How We Measure Research Performance in Japanese Universities?”	Amane Koizumi / Masashi Shirabe (Adjunct Professor, Research Enhancement Promotion Headquarters, National Institutes of Natural Sciences / Professor, Institute for Liberal Arts, Tokyo Institute of Technology)
		“Basic Science in Korea: Diagnostics and Nowcasting”	Cha, Doo-won (Research Fellow, Korea Institute of S&T Evaluation and Planning)
		“Nobel Prize in Economic Science: Five Questions”	Yosuke Yasuda (Associate Professor, Graduate School of Economics, Osaka University)
Mar. 2017	Vol.64 No.4	“Innovation for a Circular Economy”	Joel Baker Malen (Assistant Professor, IIR)
		“Changes of Customer Value into Tacit Nature”	Kentaro Nobeoka (Director & Professor, IIR)
		“Revolution of Industries Driven by Digital Innovation: Unstabilized Product Boundaries”	Yaichi Aoshima (Professor, IIR)
		“A New Perspective on Innovation: Marginality and Anomaly”	Masaru Karube (Associate Professor, IIR)
		“Networks for What?”	Toshihiro Nishiguchi (Professor Emeritus, Adjunct Professor, IIR)
		“No Crazy Entrepreneurs, No New Companies”	Seiichiro Yonekura (Professor, Hitotsubashi University, IIR)
		“Roles of Incentives in Innovative Activity”	Atsushi Ohyama (Associate Professor, IIR)
		“Innovation Is Becoming Low Hanging Fruit?”	Hiroshi Shimizu (Associate Professor, IIR)
		“How the Japanese Government Should Support Innovation?”	Manabu Eto (Professor, IIR)
		“Patent System Reform: Redesigning the Basic Incentive Structure through Introducing Restriction of Injunction and Treble Damages as Well as Abolishing the Criminal Penalties for Patent Infringement”	Yoshimi Okada (Professor, IIR)
Dec. 2016	Vol.64 No.3	“Business Strategy as Pinpoint Definition”	Kazuhiro Mishima (Professor, Graduate School of Business Administration, Kobe University)
		“Dramatic Shifts in Corporate Strategy: Lessons from Major Electronics Manufacturer”	Fumiaki Sato (Managing Partner, Co-Founder, Sangyo Sosei Advisory Inc.)
		“Corporate Restructuring through Japanese Spin-Off”	Norihisa Yoshimura (Professor, Faculty of Economics, Wakayama University)
		“Wise Mistakes and Organizational Communication: An Approach What We Really Need to Activate the Power of Strategy”	Katsuhiko Shimizu (Professor, Keio Business School)

Featured Papers (continued)

Issue	Vol. / No.	Title	Author(s)
Dec. 2016	Vol.64 No.3	“Cultivating Organizational Knowledge Maneuverability: Tacit Knowing, Intersubjectivity, Distributed Leadership”	Ikujiro Nonaka (Professor Emeritus, Hitotsubashi University)
		“TICAD: A View from Africa”	Shigeyuki Hiroki (Ambassador, Embassy of Japan in the Republic of South Africa)
Sep. 2016	Vol.64 No.2	“Platform: New Industrial Revolution and Enterprise Value”	Hiroki Kitagawa / Mikiharu Noma (Director, PwC / Associate Professor, Graduate School of International Corporate Strategy, Hitotsubashi University)
		“Artificial Intelligence: New Frontier for Knowledge Creation Cultivated by Non-cognitive Knowledge”	Kazuo Ichijo / Kazushi Kuse (Professor, Graduate School of International Corporate Strategy, Hitotsubashi University / VP & CTO, IBM Japan)
		“Crowdsourcing: Value Co-creation Utilizing On-line Distributed Resources”	Yuriko Sawatani / Kohei Nishiyama (Professor, School of Computer Science, Tokyo University of Technology / Founder & CEO, CUUSOO SYSTEM co., ltd.)
		“Digital Marketing: Democratizing Marketing”	Norihiko Takahiro / Yoshinori Fujikawa (President, SUKEDACHI, Inc / Associate Professor, Graduate School of International Corporate Strategy, Hitotsubashi University)
		“Digital Fabrication: Designing Incomplete Designs for the Changing Society”	Daijiro Mizuno / Tomoaki Watanabe (Associate Professor, Faculty of Environment and Information Studies, Keio University / Project Associate Professor, Graduate School of Media and Governance, Keio University)
		“FinTech: Era of ‘Just My Financial Service’ and Change of Your Decision Process”	Daisuke Toki / Yukihiko Okada (President and Representative Director, Deutsche Asset Management / Associate Professor, Faculty of Engineering, Information and Systems, Tsukuba University)
Jun. 2016	Vol.64 No.1	“Empirical Study on Innovation and Continuity of Recruitment Activity”	Yasuhiro Hattori (Associate Professor, Faculty of International Social Sciences, Yokohama National University)
		“Development of Competencies among Innovative Engineers”	Maki Tottoribe (Associate Professor, Graduate School of Business Administration, The University of Kitakyushu)
		“Transition of Japanese Human Resource Management into Talent Management: Is It Possible?”	Naoko Ishihara (Editor in Chief, <i>Works</i> , Recruit Works Institute)
		“The Open Workplace Leads to Self-directed Behaviors”	Ryuta Suzuki / Bumpei Sunaguchi (Professor, Graduate School of Business Administration, Kobe University / PhD student, Graduate School of Business Administration, Kobe University)
		“Exploring the Influence of Hierarchy and Time on the Strategic Roles of Middle Managers”	Takashi Nishimura / Yumi Nishioka (Associate Professor, Graduate School of Social Sciences, Tokyo Metropolitan University / Associate Professor, Faculty of Business Administration, Ritssho University)
		“Labor Market Equilibrium of the Elderly and the Disabled by ‘Vicarious Agreement’ Behavior”	Tomoyo Takagi (Professor, Faculty of Economics, Keiai University)

Business Cases

Issue	Vol./No.	Title	Author(s)
Mar. 2018	Vol.65 No.4	Fuji Optical: A Vision for the Future	Masaru Karube / Daisuke Uchida (Professor, IIR / Lecturer, Faculty of Economics, Kyushu University)
		Air Water: Business Portfolio Transformation through Merger and Acquisitions	Takanori Kato (Lecturer, College of Humanities and Social Sciences Department of Law, Economics and Management, Ibaraki University)
Dec. 2017	Vol.65 No.3	Ajinomoto: Realizing Corporate Entrepreneurship	Sun, Kangyong / Daisuke Uchida / Yusuke Takahashi (Associate Professor, Graduate School of International Corporate Strategy, Hitotsubashi University / Lecturer, Faculty of Economics, Kyushu University / Graduate School of International Corporate Strategy, Hitotsubashi University)
		Nagareyama City: A Strategic Management of Local Government Fighting Population Decline	Atsushi Kimura / Toru Sakamaki / Renge Jibu (Master Course, Graduate School of Commerce and Management, Hitotsubashi University)
Sep. 2017	Vol.65 No.2	iRobot: Technological Innovation of its Vacuuming Robot “Roomba”	Shigeru Mano / Kentaro Nobeoka (IMPP, Hitotsubashi University / Professor, Director, IIR)
		Calbee: Intelligent Working to Creative Working	Toshikatsu Asai / Megumi Kimura (Alumnus, IMPP / Adjunct Assistant Professor, IIR)
Jun. 2017	Vol.65 No.1	COCOROMI GAKUEN and COCO FARM & WINERY: Why We Work? What We Work for?—A Great Challenge of Intellectually Handicapped People in COCOROMI GAKUEN	Emiko Tsuyuki / Masaharu Maeda (Professor, Chuo Graduate School of Strategic Management, Chuo University / Alumnus, Chuo Graduate School of Strategic Management, Chuo University)
		Tsuchiyu-onsen Hot Spring: Regional Development by Renewable Energy	Yaichi Aoshima / Kunitoshi Yamazaki (Professor, IIR / Doctoral Course at Graduate School of Commerce and Management, Hitotsubashi University)
Mar. 2017	Vol.64 No.4	Peach Aviation: The Development of Japanese Low Cost Carrier through Corporate Venturing	Masako Wada / Haruomi Shindo (Graduate School for Creative Cities, Osaka City University / Professor, Graduate School for Creative Cities, Osaka City University)
		Yubari : Local Business after Regional Innovation	Megumi Kimura (Adjunct Assistant Professor, IIR)
Dec. 2016	Vol.64 No.3	Toyobo: Driving the Radical Corporate Restructuring	Masatoshi Fujiwara / Yaichi Aoshima (Associate Professor, Graduate School of Commerce and Management, Hitotsubashi University / Professor, IIR)
		IBJ: ‘Marriage Hunting’ Boom and Market Creation—How a Start Up Company Revolutionized the Match Making Business	Yumiko Oda (PhD Student, Graduate School of Commerce and Management, Hitotsubashi University)
Sep. 2016	Vol.64 No.2	Ootoya: Globalization of Store Cooking	Masatoshi Fujiwara (Associate Professor, Graduate School of Commerce and Management, Hitotsubashi University)
		Yukiguni Maitake: Issues of Corporate Governance in Japanese Public Family Firm	Tomohiro Suzuki / Takuma Kouchiyama (Associate Professor, Faculty of Business Administration, Asia University / Lecturer, Faculty of Business Administration, Asia University)

Business Cases (continued)

Issue	Vol./No.	Title	Author(s)
Jun. 2016	Vol.64 No.1	LinkedIn: The Process of Growth in the Largest Professional Network Service	Yuriko Isoda / Noriko Taji (Faculty of Commerce, Waseda University / Professor, Faculty of Business Administration, Hosei University)
		Doutor Coffee and Starbucks Coffee Japan: Competition in Japanese Self-Service Coffee Shop Market	Hisanaga Amikura (Professor, Faculty of Economics, Sophia University)

Columns

Issue	Vol./No.	Title	Author
Sep. 2016-Mar. 2018	Vol.64 No.2-Vol.65 No.4	Design Techniques for Business Model Generators (1)-(7)	Tatsuhiko Inoue (Professor, Faculty of Commerce, Waseda University)
Jun. 2016	Vol.64 No.1	The “New” New Value Creation Strategy: Thinking of Open Innovation (5)	Hiroshi Shimizu (Associate Professor, IIR)

Leaders of MOT

Issue	Vol./No.	Interviewee	Interviewers
Mar. 2018	Vol.65 No.4	Fumiharu Namiki (Director of Space Development Department, IHI Corporation)	Kentaro Nobeoka Yaichi Aoshima
Dec. 2017	Vol.65 No.3	Teppei Tsushima (General Manager, wena Project New Business Creation Department, Sony Corporation)	Kentaro Nobeoka Yaichi Aoshima
Sep. 2017	Vol.65 No.2	Shinobu Kawase (Managing Executive Officer, Yamaha Corporation)	Kentaro Nobeoka Yaichi Aoshima
Dec. 2016	Vol.64 No.3	Kiyoshi Fujiwara (Director, Mazda Motor Corporation)	Kentaro Nobeoka Yaichi Aoshima
Sep. 2016	Vol.64 No.2	Nobuya Fujiwara (General Manager, TOYOBO CO., LTD)	Kentaro Nobeoka Yaichi Aoshima
Jun. 2016	Vol.64 No.1	Fumio Watanabe (Chairman, KDDI R&D Laboratories, Inc.)	Kentaro Nobeoka Yaichi Aoshima

Serials

Issue	Vol./No.	Title	Author(s)
Mar. 2018 Mar. 2017	Vol.65 No.4 Vol.64 No.4	Porter Prize 2017 Porter Prize 2016	Emi Osono (Professor, Graduate School of International Corporate Strategy, Hitotsubashi University)
Dec. 2016 Mar. 2017 Jun. 2017 Sep. 2017 Dec. 2017 Mar. 2018	Vol.64 No.3 Vol.64 No.4 Vol.65 No.1 Vol.65 No.2 Vol.65 No.3 Vol.65 No.4	Science of Creativity Management (1)-(6)	Nobuyuki Inamizu (Associate Professor, Graduate School of Economics, Faculty of Economics, The University of Tokyo)
Sep. 2016	Vol.64 No.2	The Management of MUJI (5)	Hidehiko Nishikawa (Professor, Faculty of Business Administration, Hosei University)

Commentaries on Key Words

Issue	Vol./No.	Title	Author
Sep. 2017	Vol.65 No.2	Creativity	Susumu Nagayama (Lecturer, Faculty of Business Administration, Hosei University)
Jun. 2017	Vol.65 No.1	Package	Hiroaki Ishii (Associate Professor, Faculty of Economics, Seikei University)
Mar. 2017	Vol.64 No.4	Employment Relations	Kenichi Shinohara (Professor, Faculty of Business Administration, Kyoto Sangyo University)
Dec. 2016	Vol.64 No.3	Corporate Governance Codes	Daisuke Uchida (Lecturer, Faculty of Economics, Kyushu University)
Sep. 2016	Vol.64 No.2	Regional Branding	Hiroyuki Takahashi (Associate Professor, Faculty of Commerce, Doshisha University)
Jun. 2016	Vol.64 No.1	Extended Self	Takeshi Matsui (Professor, Graduate School of Commerce and Management, Hitotsubashi University)

Management Forum

Issue	Vol./No.	Interviewee	Interviewer(s)
Mar. 2018	Vol.65 No.4	Michimasa Fujino (President and CEO, Honda Aircraft Company)	Seiichiro Yonekura
Dec. 2017	Vol.65 No.3	Michitaka Sawada (President and CEO, Kao Corporation)	Kunio Ito
Sep. 2017	Vol.65 No.2	Senri Tanida (President & CEO, Tanita)	Seiichiro Yonekura
Jun. 2017	Vol.65 No.1	Ryoji Noyori (Director-General, Center for Research and Development Strategy Japan Science and Technology Agency)	Seiichiro Yonekura Shinichi Akaie Yasushi Hara
Mar. 2017	Vol.64 No.4	Ryuzo Sakamoto (Chairman, TOYOBOKU CO., LTD.)	Seiichiro Yonekura
Dec. 2016	Vol.64 No.3	Hitoshi Tanaka (Founder and CEO, JINS Inc.)	Seiichiro Yonekura
Sep. 2016	Vol.64 No.2	Takuya Miyata (Founder and General Partner, Scrum Ventures)	Seiichiro Yonekura Mikiharu Noma
Jun. 2016	Vol.64 No.1	Yosuke Yagi (Executive Officer and Executive Vice President, LIXIL Group Corporation)	Seiichiro Yonekura Motohiro Morishima

Reviewed Articles

Issue	Vol./No.	Title	Author(s)
Dec. 2017	Vol.65 No.3	“Management of Product Development on Architecture Evolution: Analyzing Semiconductor Exposure Industry”	Tatsuo Enami / Noriko Taji (Alumnus, Master Course, Graduate School of Business Administration, Hosei University / Professor, Faculty of Business Administration, Hosei University)
Jun. 2017	Vol.65 No.1	“Network Structures with Customers and Supplier Performance in Japanese Automotive Components Industry”	Yoshinori Konno (Professor, Faculty of Business Administration, Hosei University)
Jun. 2016	Vol.64 No.1	“Innovation of Emergent Business Models: A Case Study of the Sugamo Shinkin Bank”	Yoshihiro Ito (Visiting Researcher, School of Management, Tokyo University of Science)

2. Working Papers — Apr. 2016 ~ Mar. 2018

		Title	Author(s)
WP#16-04	Apr. 2016	“Claim Length as a Value Predictor of a Patent”	Yoshimi Okada / Yusuke Naito / Sadao Nagaoka
WP#16-05	Apr. 2016	“The Measurement of Scope Economies Using Multi-product Composite Cost Function”	Yukiko Konno
WP#16-06	Apr. 2016	“Analysing R&D in the Japanese Construction Industry”	Yukiko Konno
WP#16-07	Jul. 2016	“Global Spread of Pharmaceutical Patent Protections: Micro Evidence from the International Equivalents of the Drug Patents in Japan”	Yoshimi Okada / Sadao Nagaoka
WP#16-08	Aug. 2016	“Today’s Oral History: Ghosn Reforms and the Power of CFTs as Explained by Mr. Jun-ichi Endo Who Became the Second Youngest Managing Director from within in Nissan’s History” (in Japanese)	Toshihiro Nishiguchi / Satoru Oguchi
WP#16-09	Aug. 2016	“Reverse Payments and Generic Entry Competition”	Yunyun (Jiangyun) Wan
WP#16-10	Aug. 2016	“A Creative City Planning Framework by a Private Company: Case Study of the Development of Futako-Tamagawa by Tokyu”	Yukiko Konno / Yuki Itoh
WP#16-11	Aug. 2016	“Testing for Localization: A New Approach”	Yasusada Murata / Ryo Nakajima / Ryuichi Tamura
WP#16-12	Oct. 2016	“Landscape of Standard Essential Patents: The Case of East Asian Countries”	Jianwei Dang / Byeongwoo Kang / Ke Ding
WP#16-13	Dec. 2016	“Environmental Regulation and International Expansion of MNEs: The Moderating Role of Pollution Reduction Resources and Firm Multinationality on Location Choice”	Joel Malen / Junichi Yamanoi
WP#17-02	Feb. 2017	“Exploring Memories from Narrative: Methodology of Oral History for Innovation Research” (in Japanese)	Shotaro Yamaguchi / Donghoon Kim
WP#17-03	Feb. 2017	“Impact of Patent Scope on Subsequent Inventions: Findings from a New Measure”	Yoshimi Okada / Yusuke Naito / Sadao Nagaoka
WP#17-05	Apr. 2017	“Measuring Design Innovations by Design Awards: An Overview of Good Design Award (Japan) Database” (in Japanese)	Yasushi Hara / Tohru Yoshioka- Kobayashi / Yusuke Ashizawa
WP#17-06	May 2017	“Support for the Renesas Recovery Effort after the Great East Japan Earthquake: Commensurate Trust Emerged” (in Japanese)	Toshihiro Nishiguchi / Motoko Tsujita
WP#17-07	May 2017	“Expressing Organization: Creative Turn for Creative Evolution” (in Japanese)	Megumi Kimura
WP#17-08	May 2017	“Creative Turn: Reforming Knowledge of Knowledge” (in Japanese)	Megumi Kimura
WP#17-09	May 2017	“Creative Turn in UK New Labour in ‘Creative Britain’” (in Japanese)	Megumi Kimura
WP#17-10	May 2017	“Creative Turn in British Government Bureaucracy and Creativity” (in Japanese)	Megumi Kimura

		Title	Author(s)
WP#17-11	May 2017	“Creative Turn in British Film Industry: 20 years of the Creative Industries” (in Japanese)	Megumi Kimura
WP#17-12	May 2017	“Creative Turn in Practice: Knowledge for the Many, Not the Few” (in Japanese)	Megumi Kimura
WP#17-13	May 2017	“Creative Turn as New Roles of Design: Innovation by Description and Innovation by Acquaintance” (in Japanese)	Megumi Kimura
WP#17-14	Aug. 2017	“Spin-Outs and Patterns of Subsequent Innovation: Technological Development of Laser Diodes in the US and Japan”	Hiroshi Shimizu / Naohiko Wakutsu
WP#17-15	Dec. 2017	“How a Laid-off Employee Becomes an Entrepreneur: The Case of Nokia’s Bridge Program”	Byeongwoo Kang / Heikki Rannikko / Erno T. Tornikoski
WP#18-01	Jan. 2018	“Youji Kawaguchi, Oral History (1st, 1): Before the Job of Publishing the Game Magazine” (in Japanese)	Kazufumi Fukuda / Akihito Inoue / Morihiro Shigihara / Hiroshi Shimizu / Shotaro Yamaguchi / Wei Huang
WP#18-02	Jan. 2018	“Youji Kawaguchi, Oral History (1st, 2): The Pioneering Magazine of Consumer Games” (in Japanese)	Kazufumi Fukuda / Akihito Inoue / Morihiro Shigihara / Hiroshi Shimizu / Shotaro Yamaguchi / Wei Huang
WP#18-03	Jan. 2018	“Youji Kawaguchi, Oral History (2nd, 1): The Job of Publishing the Game Magazine (the Period of ‘Beep’)” (in Japanese)	Morihiro Shigihara / Wei Huang / Shotaro Yamaguchi
WP#18-04	Jan. 2018	“Youji Kawaguchi, Oral History (2nd, 2): The Job of Publishing the Game Magazine (the Period of ‘BEEP! MegaDrive’)” (in Japanese)	Morihiro Shigihara / Wei Huang / Shotaro Yamaguchi
WP#18-05	Jan. 2018	“How Does Innovation Occur in India? Evidence from the JIRICO Survey”	Ashish Bharadwaj / Byeongwoo Kang
WP#18-06	Feb. 2018	“Youji Kawaguchi, Oral History (3rd, 1): The Job of Publishing the Game Magazine (the period of SEGA SATURN MAGAZINE)” (in Japanese)	Morihiro Shigihara / Kazufumi Fukuda / Wei Huang / Akito Inoue
WP#18-07	Feb. 2018	“Youji Kawaguchi, Oral History (3rd, 2): Switching to Online Game Industry” (in Japanese)	Morihiro Shigihara / Kazufumi Fukuda / Wei Huang / Akito Inoue
WP#18-08	Feb. 2018	“Masamitsu Niitani, Oral History (1st, 1): Arithmetic and Computer” (in Japanese)	Fumihiko Ikuine / Akito Inoue / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-09	Feb. 2018	“Masamitsu Niitani, Oral History (1st, 2): The Foundation of ‘COMPILE’” (in Japanese)	Fumihiko Ikuine / Akito Inoue / Morihiro Shigihara / Shotaro Yamaguchi

		Title	Author(s)
WP#18-10	Feb. 2018	“Tohru Iwatani, Oral History (1st, 1): The Life History until the Enrollment of the University” (in Japanese)	Fumihiko Ikuine / Akito Inoue / Kazufumi Fukuda / Donghoon Kim / Akinori Nakamura / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-11	Feb. 2018	“Tohru Iwatani, Oral History (1st, 2): The Entrance into ‘namco’” (in Japanese)	Fumihiko Ikuine / Akito Inoue / Kazufumi Fukuda / Donghoon Kim / Akinori Nakamura / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-12	Feb. 2018	“Tohru Iwatani, Oral History (5th, 1): ‘namco’ as an Entertainment Company” (in Japanese)	Fumihiko Ikuine / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-13	Feb. 2018	“Tohru Iwatani, Oral History (5th, 2): From a Game Developer to a University Professor” (in Japanese)	Fumihiko Ikuine / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-14	Feb. 2018	“Zenji Ishii, Oral History (1st, 1): Job of Conveying the Attraction of Games” (in Japanese)	Fumihiko Ikuine / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-15	Feb. 2018	“Zenji Ishii, Oral History (1st, 2): The Role of Game Magazine in Game Industry” (in Japanese)	Fumihiko Ikuine / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-16	Feb. 2018	“Hideki Satoh, Oral History (1st, 1): The Life in Childhood” (in Japanese)	Hiroshi Shimizu / Donghoon Kim / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-17	Feb. 2018	“Hideki Satoh, Oral History (1st, 2): From Junior High School until Entrance into SEGA” (in Japanese)	Hiroshi Shimizu / Donghoon Kim / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-18	Feb. 2018	“Hideki Satoh, Oral History (2nd, 1): The Outset of Developing TV Games” (in Japanese)	Hiroshi Shimizu / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-19	Feb. 2018	“Hideki Satoh, Oral History (2nd, 2): Competition with Nintendo in Consumer Game Machine” (in Japanese)	Hiroshi Shimizu / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-20	Feb. 2018	“Hideki Satoh, Oral History (3rd, 1): Hardware and Software in Games” (in Japanese)	Hiroshi Shimizu / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-21	Feb. 2018	“Hideki Satoh, Oral History (3rd, 2): Sega Saturn, Dreamcast, the Turning into Software Developer” (in Japanese)	Hiroshi Shimizu / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-22	Feb. 2018	“Tomohiro Nishikado, Oral History (1st, 1): Personal History until Junior High School Days” (in Japanese)	Manabu Eto / Fumihiko Ikuine / Donghoon Kim / Megumi Kimura / Akinori Nakamura / Morihiro Shigihara / Hiroshi Shimizu / Shotaro Yamaguchi

		Title	Author(s)
WP#18-23	Feb. 2018	“Tomohiro Nishikado, Oral History (1st, 2): Since High School Days until Joining PMC” (in Japanese)	Manabu Eto / Fumihiko Ikuine / Donghoon Kim / Megumi Kimura / Akinori Nakamura / Morihiro Shigihara / Hiroshi Shimizu / Shotaro Yamaguchi
WP#18-24	Feb. 2018	“Tomohiro Nishikado, Oral History (2nd, 1): Development of “Sky Fighter” (in Japanese)	Manabu Eto / Fumihiko Ikuine / Donghoon Kim / Megumi Kimura / Morihiro Shigihara / Hiroshi Shimizu / Shotaro Yamaguchi
WP#18-25	Feb. 2018	“Tomohiro Nishikado, Oral History (2nd, 2): From Mechanical Games to Video Games” (in Japanese)	Manabu Eto / Fumihiko Ikuine / Donghoon Kim / Megumi Kimura / Morihiro Shigihara / Hiroshi Shimizu / Shotaro Yamaguchi
WP#18-26	Feb. 2018	“Tomohiro Nishikado, Oral History (3rd, 1): Process of Developing ‘Space Invaders’” (in Japanese)	Kazufumi Fukuda / Fumihiko Ikuine / Akito Inoue / Donghoon Kim / Megumi Kimura / Akinori Nakamura / Morihiro Shigihara / Hiroshi Shimizu / Shotaro Yamaguchi
WP#18-27	Feb. 2018	“Tomohiro Nishikado, Oral History (3rd, 2): Game Design and Marketing of ‘Space Invaders’” (in Japanese)	Kazufumi Fukuda / Fumihiko Ikuine / Akito Inoue / Donghoon Kim / Megumi Kimura / Akinori Nakamura / Morihiro Shigihara / Hiroshi Shimizu / Shotaro Yamaguchi
WP#18-28	Feb. 2018	“Tomohiro Nishikado, Oral History (4th, 1): Development of Subsequent Games” (in Japanese)	Kazufumi Fukuda / Akito Inoue / Donghoon Kim / Megumi Kimura / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-29	Feb. 2018	“Tomohiro Nishikado, Oral History (4th, 2): Development of Consumer Games and Vision of Future Games” (in Japanese)	Kazufumi Fukuda / Akito Inoue / Donghoon Kim / Megumi Kimura / Morihiro Shigihara / Shotaro Yamaguchi
WP#18-30	Mar. 2018	“Crisis Management in Fukushima: How Commensurate Trust Emerged through Collaboration between Toyota, Nissan, Denso and Others”	Toshihiro Nishiguchi
WP#18-31	Mar. 2018	“Crisis Management Under Stress: How Japanese Automakers Helped a Key Electronics Supplier After the Fukushima Disaster”	Toshihiro Nishiguchi

		Title	Author(s)
WP#18-32	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: Toyota I” (in Japanese)	Toshihiro Nishiguchi
WP#18-33	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: Toyota II” (in Japanese)	Toshihiro Nishiguchi
WP#18-34	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: METI” (in Japanese)	Toshihiro Nishiguchi
WP#18-35	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: Renesas” (in Japanese)	Toshihiro Nishiguchi
WP#18-36	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: Nissan” (in Japanese)	Toshihiro Nishiguchi
WP#18-37	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: Hino Motors” (in Japanese)	Toshihiro Nishiguchi
WP#18-38	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: Denso” (in Japanese)	Toshihiro Nishiguchi
WP#18-39	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: Tokyo Electron” (in Japanese)	Toshihiro Nishiguchi
WP#18-40	Mar. 2018	“Today’s Oral History: Crisis Management in Fukushima: Applied Materials Japan” (in Japanese)	Toshihiro Nishiguchi

3. Case Studies — Apr. 2016 ~ Mar. 2018

(In Japanese)

		Title	Author(s)
CASE#17-01	Jan. 2017	“Mining Town after Innovation: A Case Study of Yubari City” (in Japanese)	Manabu Eto / Megumi Kimura
CASE#17-02	Mar. 2017	“Strategy-making and Organizing by Regional Entrepreneurs: The Case of Utilization of Waste Mandarin Oranges in Mikkabi- town” (in Japanese)	Hideto Matsubara
CASE#17-03	May 2017	“How Does the Innovation Emerge in the Regional Context: A Case Study on the Application of Fine-bubble Technology into the Farming and Aquaculture Industry” (in Japanese)	Tohru Yoshioka- Kobayashi / Megumi Kimura / Manabu Eto

‘The new combinations appear discontinuously, then the phenomenon characterising development emerges.’

Joseph A. Schumpeter
The Theory of Economic Development

Institute of Innovation Research
Hitotsubashi University

2-1 Naka, Kunitachi, Tokyo 186-8603, Japan
Tel: +81-(0) 42-580-8411
Fax: +81-(0) 42-580-8410
<http://www.iir.hit-u.ac.jp>

