

Tetsuya Toma, Ph.D., PMP Curriculum Vitae

Professor, Graduate School of System Design and Management
Deputy Director, Keio Photonics Research Institute
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Blog: <http://tomalab.sakura.ne.jp/wp/>
Google Scholar: https://scholar.google.co.jp/citations?user=FaT_nP4AAAAAJ&hl=ja&oi=ao
Researchmap: <https://researchmap.jp/7000010801>

Professional Experience

Keio University, Yokohama, Japan

2023 – present Associate Dean, Graduate School of System Design and Management
2016 – present Professor, Graduate School of System Design and Management
2014 – 2017 Associate Dean, Graduate School of System Design and Management
2008 – 2016 Associate Professor, Graduate School of System Design and Management
2010 – present Deputy Director, Keio Photonics Research Institute

Massachusetts Institute of Technology, Cambridge, MA, USA

2019 – 2020 Visiting Scholar at MIT System Design and Management Program

PMI (Project Management Institute), Newtown Square, PA, USA

2020 – present Director of Global Accreditation for Project Management Education Programs (GAC)
2010 – 2017 Director of Japan Chapter, Tokyo, Japan

3M Company, Maplewood, MN, USA

2005 – 2007 Advanced Product Development Specialist
2001 – 2005 Research Specialist
1988 – 2001 Product Development Engineer, Sumitomo 3M (3M Japan), Sagamihara, Japan

Educational Qualifications

Ph.D. (System Design and Management), Keio University

Thesis: “System Design of High Speed Optical Capillary Network for High Quality Video Communication” (in Japanese), Advisor: Dr. Tetsuro Ogi (2014)

M.S. in Chemical Engineering, Keio University

Thesis: “Mechanism of Distributing Refractive Index by Diffusion Polymerization” (in Japanese), Advisor: Dr. Yasuji Ohtsuka (1988)

B.S. in Chemical Engineering, Keio University

Thesis: 「キラルなビニルリチウム化合物とキラルな α -メチルアルデヒド類の付加反応の立体化学」 (in Japanese, no English title exists), Advisor: Dr. Mitsuhiro Kinoshita (1986)

Subjects/Courses Taught

Keio University

Project Management (2008 – present)
 Program Management (2014 – present)
 Project Management Fundamentals (2015, 2017, 2021 – present)
 SDM Special Lectures (2008 – present)
 Human Relations (2008 – present)
 Communications (2008 – present)
 Technical Entrepreneurship (2010 – present)
 Competency and Skill-Building (2021 – present)
 Decision Making and Risk Management Under Uncertainty (2023 – present)
 Simulation and Gaming for Project Design (2023 – present)
 Research Skills (2023 – present)
 Advanced Project Management (2014 – 2015)
 Design Project (2008 – 2014)
 Management and Financial Strategy (2008 – 2017)
 Technology Roadmapping & Development (2020 – 2021)
 Research on System Design and Management (2008 – present)
 Research on Project Design and Management (2008 – present)

Massachusetts Institute of Technology

EM.425 Advanced Practices & Research in Engineering Project Management (Instructor) (2019)
 EM.S20 Model-building and Analysis Lab for Engineering Projects (TA) (2020)

Publications

【Scholarly Journal Papers】

1. Tomoyuki Kawamura, Haruyasu Noguchi, Yoshinori Washitani, Tetsuya Toma, “Factors of organizational culture that affect promotion of digital transformation,” Information Processing Society of Japan, (In Printing) / 河村智行、野口晴康、鷺谷佳宣、当麻哲哉、「デジタルトランスフォーメーションの推進に影響を与える組織文化の要因」、情報処理学会論文誌 (印刷中)
2. Yoshinori Washitani, Tomoyuki Kawamura, and Tetsuya Toma, “Effectiveness of Leadership Training Based on PM Theory for Managers to Improve Teamwork in Designer Organization,” Journal of Japan Society for Information and Management, Vol.XX (No.XX), pp.XX-XX, (2023) (in Japanese) / 鷺谷佳宣、河村智行、当麻哲哉、「デザイナー組織におけるチームワークを向上させるリーダーシップ・トレーニングの有効性」、日本情報経営学会誌 (印刷中)
3. Fumio Kijima, Tetsuya Toma, and Kenichi Takano, “A Study on Income Conviction for IT Engineers Working in the Information and Communications Technology Industry,” Oukan, Vol.17 (No.1), pp.25-38, (2023) (in Japanese).
 DOI: https://doi.org/10.11487/trafst.17.1_25
4. Toru Kimura, Keiko Katagata, Kenichi Takano, and Tetsuya Toma, “An Impact of Job and Workplace Satisfaction on Compliance Affairs: Using Large-scale Compliance Awareness Survey Data,” Journal of

- Japan Society for Business Ethics, Vol. 30, pp. 171-183, (2023) (in Japanese).
DOI: https://doi.org/10.20664/jabes.30.0_171
5. Yuichi Oshima and Tetsuya Toma, "The Product Innovation Process with the Use of Mediators for Collaboration: The Case of Japanese Traditional Local Industry," *Review of Integrative Business and Economics Research*, Vol. 12(No.3), pp.50-69, (2023).
http://buscompress.com/uploads/3/4/9/8/34980536/riber_12-3_03_s22-025_50-69.pdf
 6. Maki Fukuhara, Naoki Kodama, Noboru Makabe, Keita Morikane, and Tetsuya Toma, "Conditions for high fulfillment in a nutrition support team based on a fact-finding survey on awareness and behavior among team members in acute care hospitals," *Journal of JSPEN (Japanese Society for Clinical Nutrition and Metabolism)*, Vol. 5(1), pp.11-20, (2023) (in Japanese).
DOI: https://doi.org/10.11244/ejspen.5.1_11
 7. Tomiya Kimura, Tetsuya Toma, and Masaru Nakano, "Analysis of Business Feasibility for Introduction of Retread Tires in Passenger Cars," *International Journal of Automation Technology*, Vol.16 (No.6), pp.704-714, (2022).
DOI: <https://doi.org/10.20965/ijat.2022.p0704>
 8. Fumio Kijima, Tetsuya Toma, and Kenichi Takano, "Examination of the Formation Process of Their Awareness of Their Desire to Change Jobs for Those Who Work in the Indirect Sectors," *Oukan*, Vol.16 (No.2), pp.71-86, (2022).
DOI: https://doi.org/10.11487/trafst.16.2_71
 9. Midori Sugihara, Tomiya Kimura, and Tetsuya Toma, "A Case of Improving Management Decision of Global Conglomerate by Using the 3S Model and Contribution of Data Visualization to the 3S Model," *Journal of International Association of P2M*, Vol.17 (No.1), pp.108-123, (2022) (in Japanese).
DOI: https://doi.org/10.20702/iappmjour.17.1_108
 10. Shingo Kawai and Tetsuya Toma, "Competition analysis in data center interconnection networks using the Lotka-Volterra model," *The Japan Society of Information and Communication Research (JSICR) Journal*, Vol.39 (4), pp.95-109 (2022) (in Japanese).
DOI: https://doi.org/10.11430/jsicr.39.4_95
 11. Yuichi Oshima, Toshiyuki Yasui, Naoko Taniguchi, and Tetsuya Toma, "Identifying the Causal Relations by Actor Association and Mediation Contribution to Realize Product Innovation in Local Industries by Covariance Structure Analysis: Field Study in the Japanese Ceramics and Cutlery Industry," *Journal of Japan Creativity Society*, Vol.24, pp.119-136, (2021) (in Japanese) (**Best Paper Award**).
DOI: https://doi.org/10.24578/japancreativity.24.0_119
 12. Yuichi Oshima, Toshiyuki Yasui, and Tetsuya Toma, "Identifying the function of innovation hub and its mediation centrality by network analysis of local traditional industries: a case study of collaborating for the joint patent applications in the ceramic industries focusing on clay products," *Journal of The Japan Association of Regional Development and Vitalization*, Vol.13, pp.13-20 (2020) (in Japanese)
 13. Yukiko Sakakura, Toshiyuki Yasui, Tetsuya Toma, and Takashi Maeno, "Proposing the Method to Design Generative Dialogue and its Validation of Efficacy," *Journal of Assisting Dialogue and Communication Studies*, Vol.5, pp.13-30, (2018) (in Japanese).
DOI: https://doi.org/10.20761/jadcs.5.0_13
 14. Yukiko Sakakura, Kazuhide Abe, Toshiyuki Yasui, Tetsuya Toma, and Takashi Maeno, "Designing of "Ba" in region by Systems Engineering and its verification," *Journal of The Japan Association of Regional Development and Vitalization*, Vol.9, pp.25-34 (2018) (in Japanese)
 15. Iwane Maida, Tetsuro Ogi, and Tetsuya Toma, "Influence of visual delay on minute pointing and push down by upper limb assuming telesurgery application," *Transactions of the Virtual Reality Society of Japan*, Vol.22 (No.1), pp.61-69, (2017) (in Japanese).
DOI: https://doi.org/10.18974/tvrsj.22.1_61
 16. Iwane Maida, Hisashi Sato, and Tetsuya Toma, "Evaluating the Impact of Image Delays on the Rise of MMI-Driven Telemanipulation Applications: Hand-Eye Coordination Interference from Visual Delays

during Minute Pointing Operations,” *ACSIJ Advances in Computer Science: an International Journal*, Vol.5 (1), pp.151-160, (2016).

<http://www.acsij.org/acsij/article/view/450>

17. Tetsuya Toma, Hiroshi Takizuka, Toshitaka Torikai, Hitoshi Suzuki, Tetsuro Ogi, and Yasuhiro Koike, “Development of a Household High-Definition Video Transmission System Based on Ballpoint-Pen Technology – A Low Cost, Easily Deployed Optical Connection Using a Ballpoint-Pen Type Interconnect –,” *Synthesiology – English Edition*, Vol.7(2), pp.118-128, (2014).
DOI: <https://doi.org/10.5571/syntheng.7.118>
18. T. Toma, H. Asada, T. Ogi, and Y. Koike, “High-Speed Optical Home Network Using Graded Index Plastic Optical Fibers for a Smart House,” *ACSIJ Advances in Computer Science: an International Journal*, Vol.2 (5), pp.141-149, (2013).
<http://www.acsij.org/acsij/article/view/263>
19. T. Toma, S. Suzuki, H. Tokura, Y. Inaba, T. Ogi, and Y. Koike, “Evaluation of 4K Ultra High Definition Video for Telemedicine – Possibility of Teledermatology Applications –,” *Japanese Journal of Telemedicine and Telecare*, Vol.9(2), pp.66-73, (2013) (in Japanese)
20. Jitsuzo Katsumata, Tetsuya Toma, and Tetsuro Ogi, “Introduction of doctor's second opinion and preventive critical path based on remote chat conference,” *Japanese Journal of Telemedicine and Telecare*, Vol.8(1), pp.2-7, (2012) (in Japanese)
21. Jitsuzo Katsumata, Tetsuya Toma, and Tetsuro Ogi, “Introduction of a Telemedicine System in Developing Countries and Local villages: Feasibly Study of Medical Van Clinic System in Jaipur, India,” *Japanese Journal of Telemedicine and Telecare*, Vol.7(1), pp.7-13, (2011) (in Japanese)

【Books】

1. Graduate School of System Design and Management in Keio University (Ed.), “What is System Design and Management,” Keio University Press, (2016). ISBN: 978-4-7664-2378-5 (Co-author) (in Japanese)
2. Tetsuya Toma (Supervised Translation), Nanaumi Nagamine (Translation), “Leading Global Project Teams: The New Leadership Challenge,” Keio University Press, (2015). ISBN: 978-4-7664-2245-0 (in Japanese) – Original Book: R. Martinelli, T. Rahschulte, and J. Waddell, “Leading Global Project Teams: The New Leadership Challenge,” Multi-Media Publications Inc. (2010). ISBN: 978-1554890644

【Book Chapters】

1. Miles Shepherd, Shankar Sankaran, Qian Shi, LuAnn Piccard, and Tetsuya Toma, "Principles-Based Project Management: Where to Now?!", *Project Management Journal*, Vol.0 OnlineFirst (2023) (Editorial)
DOI: <https://doi.org/10.1177/87569728231211281>
2. Yumi Shima, Tsutomu Sato, Yasue Mitsukura, and Tetsuya Toma, “Psychological Impressions and Real-Time KANSEI Trajectory of Music Listeners Resulting from Differences in Piano Performance Methods,” in Shuichi Fukuda (Ed.), *Emotional Engineering*, Vol.9, Springer International Publishing, Chapter 8, pp. 79-89 (2022). ISBN: 978-3-031-05867-7
3. Masanori Kataoka, Iwane Maida, and Tetsuya Toma, “Visualization of “Skills for Living Smart” for Methodology Development to Improve Skills,” in Shuichi Fukuda (Ed.), *Emotional Engineering*, Vol.7 *The Age of Communication*, Springer International Publishing (2019). ISBN 978-3-030-02209-9
4. Hiroyuki Suzuki, Tsutomu Sato, and Tetsuya Toma, “Investigation Report of Communication at the First Meeting to Improve Working Environment for Japanese IT Employees with Overseas Assignment in the Philippines,” in Shuichi Fukuda (Ed.), *Emotional Engineering*, Vol.7 *The Age of Communication*, Springer International Publishing (2019). ISBN 978-3-030-02209-9
5. Tsutomu Sato, Yasue Mitsukura, and Tetsuya Toma, “Real-Time Kansei Analysis During Communication Using a Simplified EEG,” in Shuichi Fukuda (Ed.), *Emotional Engineering*, Vol.6 *Understanding*

Motivation, Springer International Publishing, Chapter 6, pp. 63-74 (2018). ISBN 978-3-319-70801-0

【Reviews, Short Reports and Case Studies】

1. Extending Healthy Life Expectancy Project Team, "Proposal for a Behavior Change Digital Platform for Extending Healthy Life Expectancy toward 2040," Research Project Keio 2040 at Keio University Global Research Institute (KGRI), (2023), (Working Paper)
https://www.kgri.keio.ac.jp/docs/L0120230905_full.pdf
2. Kaede Nagai, Tetsuya Toma, and Mikako Hayashi, "Effect of Outsiders Participation in An On-line Workshop for Discovering Potential Local Attractiveness," Journal of The Japan Association of Regional Development and Vitalization, Vol.16, pp.77-86, (2022) (Refereed Research Note, in Japanese)
3. Tetsuya Toma and Seiko Shirasaka, "Report of the 31st Congress of International P2M Association," P2M Magazine, Vol.13, pp.89-92, (2021) (contributed article, in Japanese, no English title).
DOI https://doi.org/10.20702/iaptwombulletin.13.0_89
4. Ko Ito and Tetsuya Toma, "The Narrative Approach for PM Education," Journal of the Society of Project Management, Vol.21(2), pp.26-31, (2019) (interpretive article) (in Japanese)
5. Takayuki Tomaru, Mikako Hayashi, and Tetsuya Toma, "Business Case Study of Satsuma Mandarin and Lemon Production Utilizing Deserted Cultivated Land in Satsuma Mandarin Producing Area," Journal of The Japan Association of Regional Development and Vitalization, Vol.10, pp.89-96, (2019) (Research Note, in Japanese)
6. Yuichi Oshima (Associate-Supervised), "A Study on Learning Networks for Product Transformation of Companies in Industrial Districts of Metropolitan Region: Cases of Seto City in Aichi Prefecture and Seki City in Gifu Prefecture," Annals of the Association of Economic Geographers, Vol.64(3), pp.181-193, (2018) (Research Note in Japanese).
DOI https://doi.org/10.20592/jaeg.64.3_181
7. Yuichi Oshima, and Tetsuya Toma, "Innovation of the Cluster of Companies that Developed Traditional Craft Techniques into Advanced Technology –The Case of Kyoto Nanotechnology Cluster–," Planning and Public Management, Vol.40(3), pp.54-61, (2017) (Research Note in Japanese).
DOI https://doi.org/10.14985/jappm.40.3_54
8. Tetsuya Toma, "Status of Project Management Education in the World and Accreditation of Project Management Degree Programs," Editorial, Journal of Japanese Society for Engineering Education, Vol.61(5), pp.16-21,(2013) (Review Paper in Japanese).
DOI https://doi.org/10.4307/jsee.61.5_16
9. Hiroko Nagaya, and Tetsuya Toma, "Introduction on Project Management Program in English Initiated by Graduate School of System Design and Management in Keio University," Case Study, Journal of Japanese Society for Engineering Education, Vol.61(5), pp.51-54,(2013) (Case Study in Japanese).
DOI https://doi.org/10.4307/jsee.61.5_51

Presentations

* indicates the speaker at the presentation.

【Invited as a Speaker of International Conference】

1. T. Toma*, "Ballpoint-Pen Interconnect Innovation for Real-Time 4K/8K Video Transmission Using GI POF," **Invited Talk**, The Optoelectronics, Photonic Materials and Devices Conference, SPIE (Photonics West OPTO 2020), (San Francisco, USA), Feb. 1-6, 2020, presented on Feb. 4, 2020,
DOI: <http://dx.doi.org/10.1117/12.2552977>

2. A. Mitsui*, H. Suzuki, T. Torikai, H. Takizuka, T. Toma, and Y. Koike, "Optimization of Ball Lens Assembly Design for GI POF Optical Micro-Collimator," **Invited Talk**, 23rd International Conference on Plastic Optical Fibers (POF2014), (Yokohama, Japan), Oct. 8-10, 2014, presented on Oct. 8, 2014.
3. T. Toma*, H. Takizuka, and Y. Koike, "Real-Time medical Tele-Consultation Using 3D Dual Streaming Video Through GI-POF Network," **Invited Talk**, 1st International Conference on Advanced Photonic Polymers (ICAPP), (Kanagawa, Japan), Dec. 1-2, presented on Dec. 1, 2011.
4. T. Toma*, and Y. Koike, "Real-time Face-to-Face Communication by Photonics Polymers," **Invited Talk**, 2011 East Asian Symposium on Molecular Electronics Materials, (Jeju Island, Korea), April 29, 2011.

【International Peer-Reviewed Conference Presentations】

1. Tomoyuki Kawamura*, Haruyasu Noguchi, Yoshinori Washitani, and Tetsuya Toma, "Survey and Trial of DX Assessment Tools for SMEs," 15th International Conference on Project Management (ProMAC2023), (Hanoi, Vietnam), November 29-December 2, 2023, presented on December 1, 2023.
2. Jean Paul Sebastian Piest, Masahiro Jinzaki, Yoshimasa Masuda, Masako Toriya, and Tetsuya Toma, "Multiple Use Case Analysis of an AI Hospital Using the AIDAF and Intelligence Amplification Design Canvas," Intelligent Digital Architecture, Methods, and Services for Industry 4.0 and Society 5.0 (IDAMS 2023), (Groningen, Netherlands), October 30-November 2, 2023, presented on October 31, 2023.
3. Shingo Kawai*, Masako Toriya, and Tetsuya Toma, "System Dynamics Simulation to Reduce the Number of Patients with Lifestyle-Related Diseases and Medical Costs in Japan by Promoting Behavioral Change," The 30th ISTE International Conference on Transdisciplinary Engineering (TE2023), (Hua Hin Cha Am, Thailand), July 10-14, 2023, presented on July 11, 2023. (**Best Academic Paper Award**)
DOI: <https://doi.org/10.3233/ATDE230676>
4. Ainoa Abella*, Midori Sugihara, Vanja Čok, Tomiya Kimura, Toma Testuya, and Jonathan Chacón, "Team Decision Making Considering Uncertainty in Data Visualization," The 30th ISTE International Conference on Transdisciplinary Engineering (TE2023), (Hua Hin Cha Am, Thailand), July 10-14, 2023, presented on July 12, 2023.
DOI: <https://doi.org/10.3233/ATDE230617>
5. Midori Sugihara*, Ainoa Abella, Jonathan Chacón, Tomiya Kimura, Toma Testuya, and Vanja Čok, "Impact of data visualization on individual rational decisions," The 30th ISTE International Conference on Transdisciplinary Engineering (TE2023), (Hua Hin Cha Am, Thailand), July 10-14, 2023, presented (poster) on July 11, 2023.
http://te2023.ait.ac.th/wp-content/uploads/sites/64/2023/07/TE2023_Poster_135.pdf
6. Midori Sugihara*, Tomiya Kimura, and Tetsuya Toma, "A Study on the Relationship Between Decision-making Speed and Kansei Through Data Visualization," 9th International Conference on Kansei Engineering and Emotion Research (KEER2022), (Barcelona, Spain), September 6-8, 2022, presented on September 6, 2022
DOI: <https://doi.org/10.5821/conference-9788419184849.04>
7. Tomiya Kimura, Midori Sugihara*, Mayu Takaramoto, Masako Toriya, and Tetsuya Toma, "A Team Performance Measurement by Pulse Survey Results of Corporate Planning Members," 29th International Society of Transdisciplinary Engineering Conference (TE2022), (Cambridge, USA), July 5-8, 2022, presented on July 8, 2022.
DOI: <https://doi.org/10.3233/ATDE220654>
8. Kayoko Narazaki, Tomiya Kimura*, Mizuho Sato, Midori Sugihara, and Tetsuya Toma, "A Food Supply Chain Model Directing Food Loss and Waste to Kodomo-Shokudos," 29th International Society of Transdisciplinary Engineering Conference (TE2022), (Cambridge, USA), July 5-8, 2022, presented on July 7, 2022.
DOI: <https://doi.org/10.3233/ATDE220643>
9. Yoshimasa Masuda*, Ryo Ishii, Donald Shepard, Rashimi Jain, Osamu Nakamura, and Tetsuya Toma,

“Vision Paper for Enabling HCI-AI Digital Healthcare Platform Using AIDAF in Open Healthcare Platform 2030,” 10th KES International Conference on Innovation in Medicine and Healthcare (KES-InMed-22), (Rhodes, Greece), June 20-22, 2022, presented on June 22, 2022.

DOI: https://doi.org/10.1007/978-981-19-3440-7_27

10. Yuichi Oshima* and Tetsuya Toma, “The Product Innovation Process with the Use of Mediators for Collaboration: The Case of Japanese Traditional Local Industry,” Conference on Interdisciplinary Business and Economics Research (SIBR 2022), (Virtual), June 30 – July 1, 2022, presented on July 1, 2022.
11. Tomoyuki Kawamura*, Tetsuya Toma, and Haruyasu Noguchi, “Research on Organizational Efforts Affecting Promotion of Digital Transformation — Comparison Based on Organizational Size —,” 14th International Conference on Project Management (ProMAC2021), (Kumamoto, Japan), November 25-26, 2021, presented on November 25, 2021.
12. Yoshimasa Masuda*, Alfred Zimmermann, Kurt Sandkuhl, Rainer Schmidt, Osamu Nakamura, and Tetsuya Toma, “Applying AIDAF for Enabling Industry 4.0 in Open Healthcare Platform 2030,” 9th KES International Conference on Human-Centered Intelligent Systems (KES-HCIS 2021), (Virtual), June 14-16, 2021, presented on June 15, 2021. (Published in: Zimmermann A., Howlett R.J., Jain L.C., Schmidt R. (eds) Human Centred Intelligent Systems. KES-HCIS 2021. Smart Innovation, Systems and Technologies, vol 244. Springer, Singapore.
DOI: https://doi.org/10.1007/978-981-16-3264-8_20)
13. Junhao Zhong*, Zhengjia Mao, Hangpeng Li, Yoshimasa Masuda, and Tetsuya Toma, “Regulated Digital Pharmacy Based on Electronic Health Record to Improve Prescription Services,” 9th KES International Conference on Innovation in Medicine and Healthcare (KES-InMed 2021), (Virtual), June 14-16, 2021, presented on June 14, 2021. (Published in: Chen YW., Tanaka S., Howlett R.J., Jain L.C. (eds) Innovation in Medicine and Healthcare. Smart Innovation, Systems and Technologies, vol 242. Springer, Singapore.
DOI: https://doi.org/10.1007/978-981-16-3013-2_13)
14. Misako Yoshinari*, Hidekazu Nishimura, and Tetsuya Toma, “Model-based fault analysis of communication between supervisors and their subordinates in the Japanese workplace,” Council of Engineering Systems Universities (CESUN) Conference, Purdue e-Pubs (2021). (Peer reviewed full paper: the conference itself scheduled in September 2020 was cancelled due to COVID-19).
DOI: <https://doi.org/10.5703/1288284317286>
15. Junhao Zhong*, Zhengjia Mao, Hangpeng Li, Tetsuya Toma, and Yoshimasa Masuda, “Explore the Potential of a Regulated Digital Pharmacy Industry in Japan,” the 11th Biennial Conference of Asia-Pacific Association for Medical Informatics (APAMI 2020), (Virtual), Nov 21-23, 2020, presented on Nov. 21, 2020.
DOI: https://doi.org/10.1007/978-981-16-3013-2_13
16. Yoshimasa Masuda*, Donald S. Shepard, Osamu Nakamura, and Tetsuya Toma, “Vision Paper for Enabling Internet of Medical Robotics Things in Open Healthcare Platform 2030,” 8th KES International Conference on Innovation in Medicine and Healthcare (KES-InMed-20), (Split, Croatia), June 17-19, 2020, presented on June 17, 2020.
DOI: https://doi.org/10.1007/978-981-15-5852-8_1
17. Yuko Kurosaki*, Xiangyi Gao, Yawen Sun, Yuhan He, Tetsuya Toma, and Tetsuro Ogi, “Personalized Recommendation of Health Behavior Using Mobile Device Based on Health Log Data,” International Conference on Design and Concurrent Engineering 2019 & Manufacturing Systems Conference 2019 (iDECON/MS2019), (Sendai, Japan), Sept. 23-24, 2019, presented on Sept. 23, 2019.
18. Yoshimasa Masuda*, Donald S. Shepard, Shuichiro Yamamoto, and Tetsuya Toma, “Clinical Decision Support System with Electronic Health Record: Digitization of Research in Pharma,” 7th KES International Conference on Innovation in Medicine and Healthcare (KES-InMed-19), (St. Julians, Malta), June 17-19, 2019, presented on June 19, 2019. (**Best Paper Award**).
DOI: https://doi.org/10.1007/978-981-13-8566-7_5
19. Motoki Asai*, Tetsuya Toma, and Masaru Nakano, “A Business Game for “Eigyō” Practitioners to

- Understand the Importance of “Integrative Bargaining,” 49th International Simulation and Gaming Association Conference (ISAGA2018), (Nakorn Pathom, Thailand), July 9-13, 2018, presented on July 10, 2018.
20. Masahiro Yoritama*, and Tetsuya Toma, “Proposal of a Methodology for Redesigning Concept for Lost Traditional Craft Industries,” Council of Engineering Systems Universities Global Conference Tokyo (CESUN2018), (Tokyo, Japan), June 20-22, 2018, presented on June 21, 2018.
 21. Tetsuya Toma, Yoshimasa Masuda*, and Shuichiro Yamamoto, “Vision paper for enabling Digital Healthcare applications in OHP2030,” 6th KES International Conference on Innovation in Medicine and Healthcare (KES-InMed-18), (Gold Coast, Australia), June 20-22, 2018, presented on June 21, 2018.
DOI: https://doi.org/10.1007/978-3-319-92231-7_19
 22. Tomoyuki Kawamura*, Tetsuya Toma, and Kenichi Takano, “Outcome Prediction of Software Projects for Information Technology Vendors,” 2017 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), (Singapore), Dec. 10-13, 2017, presented on Dec. 12, 2017.
DOI: <https://doi.org/10.1109/IEEM.2017.8290188>
 23. Iwane Maida*, and Tetsuya Toma, “Effective Training Method for Reducing the Risk of Visual Delay Assuming Telesurgery Application,” the 4th International Conference on Serviceology (ICServ2016), (Tokyo, Japan), Sept. 6-8, 2016, presented on Sept. 7, 2016.
 24. Tomonori Ozawa*, Iwane Maida, and Tetsuya Toma, “Proposal of the Way to Bring out the Speaks from Students at the Style that Students Lead the Class in an Elementary School – A Case of Mathematics –,” the 4th International Conference on Serviceology (ICServ2016), (Tokyo, Japan), Sept. 6-8, 2016, presented on Sept. 6, 2016.
 25. Saki Yoshihara*, and Tetsuya Toma, “Application of Systems Engineering for Improving the Design Process of Public Halls,” the 9th Asia-Pacific Conference on Systems Engineering (APCOSEC 2015), (Seoul, Korea), Oct. 13-15, 2015, presented on Oct. 14, 2015. (Published on “Journal of the Korea Society of Systems Engineering,” Vol. 11 (issue 2), pp. 115-124, (2015) as a **selected paper**.
DOI: <https://doi.org/10.14248/JKOSSE.2015.11.2.115>)
 26. Masahiro Yoritama*, Mikako Hayashi, and Tetsuya Toma, “Design of a Platform-System for Safeguarding Japanese Food Culture,” the 9th Asia-Pacific Conference on Systems Engineering (APCOSEC 2015), (Seoul, Korea), Oct. 13-15, 2015, presented on Oct. 14, 2015.
 27. Iwane Maida*, Hisashi Sato, Tetsuya Toma, and Takashi Maeno, “Designing the Amount of Image Delay in Tele-surgery,” the 2nd International Conference on Serviceology (ICServ2014), (Yokohama, Japan), Sept. 14-16, 2014, presented on Sept. 14, 2014. (Published on “Serviceology for Designing the Future,” pp.193-203, Springer (2016). ISBN: 978-4-431-55859-0 as a **selected paper**.
DOI: https://doi.org/10.1007/978-4-431-55861-3_13)
 28. Akira Yasuda*, Nobuaki Minato, and Tetsuya Toma, “Why do people purchase free-downloadable music software? -Systems evaluation on Japanese music consumer behavior using Bayesian Network Modeling-,” International Conference of Asia-Pacific Council on Systems Engineering (APCOSEC 2013), (Yokohama, Japan), Sept. 8-11, 2013, presented on Sept. 9, 2013.
 29. Tetsuro Ogi*, Yosuke Kubota, Tetsuya Toma, and Takeshi Chikakiyo, “Evaluation of High Presence Sensation based on Biological Information,” The 16th International Conference on Network-Based Information Systems (NBIS 2013), (Gwangju, Korea), Sept. 4-6, 2013.
DOI: <https://doi.org/10.1109/NBiS.2013.51>
 30. Jitsuzo Katsumata*, Tetsuya Toma, and Tetsuro Ogi, “The Possibility of Microinsurance to Cover Medical Coat of the Poor under Mobile Clinic in India,” 16th Pacific Asia Conference on Information Systems (PACIS2013), (Jeju, Korea), June 18-22, 2013.
 31. T. Toma*, H. Asada, H. Nishikawa, M. Yamamoto, and Y. Koike, “A Study on Advantages of a High-Speed Network System for a Home Monitoring, Management and Communication System in a Smart House,” the Second International Conference on Building Energy and Environment (COBEE 2012), (Boulder, USA), Aug. 1-4, presented on Aug. 2, 2012.

32. Jitsuzo Katsumata*, Tetsuya Toma, and Tetsuro Ogi, "The Systemic Linkage for Using Telemedicine of Medical Equipments – In the Case of Hao Binh Situation in Vietnam," 4th Asia-Pacific Conference on Systems Engineering (APCOSE2010), (Keelung, Taiwan), Oct. 4-6, 2010.
33. Jitsuzo Katsumata*, Tetsuya Toma, and Tetsuro Ogi, "Possibility of the Introduction of the Telemedicine in the Rural Villages in Vietnam," 14th Pacific Asia Conference on Information Systems (PACIS2010), (Taipei, Taiwan), July 9-12, 2010.
34. S. Kim*, S. Haruyama, T. Maeno, T. Toma, and Y. Ohkami, "Preliminary Validation of Scenario-based Design for Amorphous Systems," 20th International Council on Systems Engineering Annual International Symposium (INCOSE2010), (Chicago, USA), presented on July 5, 2010.
DOI: <https://doi.org/10.1002/j.2334-5837.2010.tb01117.x>

【Other International Conference Presentations】

1. Hiroshi Takizuka, Toshio Chiba, Tetsuya Toma*, and Yasuhiro Koike, "Study On Optical Interface For 8K Endoscope Using GI-POF," The 27th International Conference on Plastic Optical Fibers (POF2018), (Seattle, USA), Sept. 4-6, 2018, presented on Sept. 5, 2018.
2. Hiroshi Takizuka*, Masakazu Ishibashi, Akihito Mitsui, Hitoshi Suzuki, Tetsuya Toma, Shinichi Haruyama, and Yasuhiro Koike, "A Study on Simulation of a High-Speed Optical Space Transmission System for Rail Guided Vehicles," The 26th International Conference on Plastic Optical Fibres (POF2017), (Aveiro, Portugal), Sept. 13-15, 2017, presented (poster) on Sept. 13, 2017.
3. Iwane Maida*, Kenichiro Ito, Shunichi Nomura, Tetsuya Toma, and Tetsuro Ogi, "The Effect of an Immersive Analytical Tool on the Exploratory Analysis of Big Data," The 2017 Conference of the International Federation of Classification Societies (IFCS-2017), (Tokyo, Japan), August 8-10, 2017, presented on August 8, 2017.
4. Fumii Taketani*, Nobuyuki Kobayashi, Seiko Shirasaka, and Tetsuya Toma, "Proposal of Visualising Model of Customer Demands Sufficiency Degree in Designing Private Life Insurance," The 61st Annual Meeting of International Society for the Systems Science (ISSS 2017), (Vienna, Austria), July 10-14, 2017, presented on July 12, 2017.
5. Jitsuzo Katsumata*, "Possibility of a Solution to Mental Problems by Narrative Based Medicine Using Telemedicine in India," 12th International Telemedicine Conference (Telemedicon 2016), (Bangalore, India), Nov. 10-12, 2016, presented on Nov. 10, 2016
6. Tetsuya Toma*, Hidekazu Tanaka, and Yasuhiro Koike, "Potentiality of 4K Ultra High Definition Video for Teledermatology," International Workshop on Photonics Polymer for Innovation (IWPPPI), (Tochigi, Japan), Oct. 11-14, 2016, presented (poster) on Oct. 13, 2016.
7. Hiroshi Takizuka*, Akihito Mitsui, Hitoshi Suzuki, Tetsuya Toma, and Yasuhiro Koike, "Optical Module for GI-POF with the Ballpoint-Pen Connection," International Workshop on Photonics Polymer for Innovation (IWPPPI), (Tochigi, Japan), Oct. 11-14, 2016, presented (poster) on Oct. 13, 2016.
8. H. Takizuka*, A. Mitsui, H. Suzuki, T. Toma, and Y. Koike, "Simulation of Optical Module for GI-POF with the Ballpoint-Pen Connection," The 25th International Conference on Plastic Optical Fibers (POF2016), (Birmingham, UK), Sept. 13-15, 2016, presented on Sept. 14, 2016.
9. T. Toma*, "Developing Optical Micro-Collimator Using Graded-Index Plastic Optical Fiber," BIT's 2nd Annual World Congress of Smart Materials-2016 (WCSM2016), (Singapore), March 4-6, 2016, presented on March 4, 2016.
10. Jitsuzo Katsumata*, "Usefulness of the iPad in the prevention of childhood diseases and their parents' mental care in regional areas of India," 11th International Congress of Telemedicine Society of India (Telemedicon 2015), (Kolkata, India), Nov. 27-29, 2015, presented on Nov. 27, 2015
11. H. Takizuka*, T. Toma, and Y. Koike, "New Evaluations Method of 10Gbps GI-POF Cabling System," The 24th International Conference on Plastic Optical Fibers (POF2015), (Nuremberg, Germany), Sept. 22-24, 2015, presented on Sept. 22, 2015.

12. I. Maida*, H. Sato, and T. Toma, "A Study on Effect of Maneuver Training to Suppress Decline of Working Efficiency by Visual Delay in Telesurgery," The 23rd International Conference on Plastic Optical Fibers (POF2014), (Yokohama, Japan), Oct. 8-10, 2014, presented (poster) on Oct. 8, 2014.
13. K. Yoshimura*, S. Oi, H. Takizuka, T. Toma, and Y. Koike, "Investigation of Cutting Method for Graded Index Plastic Optical Fiber to Minimize Optical Power Losses," The 23rd International Conference on Plastic Optical Fibers (POF2014), (Yokohama, Japan), Oct. 8-10, 2014, presented (poster) on Oct. 8, 2014.
14. T. Taniguchi*, H. Yoshida, T. Toma, and Y. Koike, "Study of the GI POF High Speed Link in a Residential House to the Present and for the Future," The 23rd International Conference on Plastic Optical Fibers (POF2014), (Yokohama, Japan), Oct. 8-10, 2014, presented (poster) on Oct. 8, 2014.
15. J. Katsumata*, and T. Toma, "Using ICT to Provide Remote Medical Consultations in an Increasingly Elderly Society in Japan," The 23rd International Conference on Plastic Optical Fibers (POF2014), (Yokohama, Japan), Oct. 8-10, 2014, presented on Oct. 10, 2014.
16. T. Toma*, T. Sugeta, A. Inoue, and Y. Koike, "Development of WDM Optical Transmission System over GI-POF Pair Cable for Television RF, Gigabit-Ethernet, and HDMI/DVI," The 23rd International Conference on Plastic Optical Fibers (POF2014), (Yokohama, Japan), Oct. 8-10, 2014, presented on Oct. 10, 2014.
17. H. Takizuka*, T. Torikai, A. Mitsui, H. Suzuki, Y. Watanabe, T. Toma, and Y. Koike, "A Proposal of Novel Optical Interface to Transmit 8K-UHDTV for Consumer Applications," The 18th Microoptics Conference (MOC'13), (Tokyo, Japan), Oct. 27-30, 2013, presented on Oct. 30, 2013.
18. Tetsuya Toma, Hiroshi Takizuka*, Koichiro Yoshimura, Shigehiro Oi, and Yasuhiro Koike, "Development of a Blade for Graded Index Plastic Optical Fiber (GI-POF) to Minimize Optical Power Losses at the Cut Surface," The 22th International Conference on Plastic Optical Fibers (ICPOF2013), (Buzios, Brazil), Sept. 11-13, 2013, presented on Sept. 12, 2013. (poster)
19. Teruyuki Taniguchi*, Hirotugu Yoshida, Tetsuya Toma, and Yasuhiro Koike, "Development of High Speed Transmission System over GI-POF," The 22th International Conference on Plastic Optical Fibers (ICPOF2013), (Buzios, Brazil), Sept. 11-13, (poster)
20. Hiroshi Takizuka*, Toshitaka Torikai, Hitoshi Suzuki, Akihito Mitsui, Yuji Watanabe, Tetsuya Toma, and Yasuhiro Koike, "A Study on 120Gbps GI-POF Interface for 8K-UHD Video Transmission," The 22th International Conference on Plastic Optical Fibers (ICPOF2013), (Buzios, Brazil), Sept. 11-13, 2013, presented on Sept. 12, 2013.
21. Tetsuya Toma, Tomoyuki Fujita*, and Tetsuro Ogi, "A Study on Correlation between Nose Skin Temperature Drop and Sense of Presence by Display Resolution and Screen Size," the Asian Conference on Design and Digital Engineering (ACDDE2012), (Hokkaido, Japan), Dec. 6-8, presented on Dec. 10, 2012.
22. Jitsuzo Katsumata*, Tetsuya Toma, and Tetsuro Ogi, "Concentration of Imbalance of Payment in Neighboring Regional Hospitals and Clinics Using Mobile Van Clinics," International Telemedicine Congress (Telemedicom12), (Coimbatore, India), Nov. 29-Dec. 1, presented on Dec. 1, 2012.
23. T. Toma*, and Y. Koike, "A Study on 40Gbps GI-POF Interface for 4K3D Video Transmission," 21th International Conference on Plastic Optical Fibers (ICPOF2012), (Atlanta, USA), Sept. 10-12, presented on Sept. 10, 2012.
24. T. Toma*, T. Sugeta, and Y. Koike, "Development of Television RF-Transmission System over GI-POF to Replace Microwave Coaxial Cable," 21th International Conference on Plastic Optical Fibers (ICPOF2012), (Atlanta, USA), Sept. 10-12, presented on Sept. 11, 2012.
25. I. Maida*, H. Sato, T. Toma, and Y. Koike, "A Study on Influence of Monitoring Delay on Image Using Simplified Operation model for Remote Surgery," 21th International Conference on Plastic Optical Fibers (ICPOF2012), (Atlanta, USA), Sept. 10-12, presented on Sept. 10, 2012.
26. T. Taniguchi*, H. Yoshida, T. Toma, and Y. Koike, "The potential of the high speed optical link with PCP GI-POF in the house," 21th International Conference on Plastic Optical Fibers (ICPOF2012), (Atlanta, USA), Sept. 10-12, presented (poster) on Sept. 10, 2012.

27. T. Torikai*, T. Yamauchi, S. Mine, N. Moriya, A. Mitsui, H. Suzuki, Y. Watanabe, M. Kanou, H. Takizuka, T. Toma, and Y. Koike, "Optical I/O Connectors Employing Ball-Point Pen Type Optical Collimator Lenses Suitable for Plastic Optical Fiber Communications," 21th International Conference on Plastic Optical Fibers (ICPOF2012), (Atlanta, USA), Sept. 10-12, presented on Sept. 11, 2012.
28. Jitsuzo Katsumata*, Tetsuya Toma, and Tetsuro Ogi, "Possibility of Referral System to Developing Countries -Through Accumulation of Medical Data Using Mobile Clinic Van-," Transforming Healthcare with Information Technology 2012, (Hyderabad, India), August 31-Sept. 1, presented on Sept. 1, 2012
29. Jitsuzo Katsumata*, Tetsuya Toma, and Tetsuro Ogi, "Improvement of Medical Quality in Rural Areas by Using Real-Time Tele-Diagnosis Supported by Chat Conference System with GI-POF Network," 1st International Conference on Advanced Photonic Polymers (ICAPP), (Kanagawa, Japan), Dec. 1-2, presented (poster) on Dec. 1, 2011.
30. Iwane Maida*, and Tetsuya Toma, "Research on the Relationship between Sense of Presence and Sympathy on a Disaster Film in 4K," 1st International Conference on Advanced Photonic Polymers (ICAPP), (Kanagawa, Japan), Dec. 1-2, presented (poster) on Dec. 1, 2011.
31. Jitsuzo Katsumata*, Tetsuya Toma, and Tetsuro Ogi, "Possibility of Telemedicine Using Mobile Van Clinic and Virtual Conference," International Telemedicine Congress (TELEMEDICON '11), (Mumbai, India), Nov. 11-13, 2011.
32. T. Toma*, H. Takizuka, M. Kanou, T. Taniguchi, and Y. Koike, "Dual Full High Definition 3D Video Real-Time Communication System," 20th International Conference on Plastic Optical Fibers (ICPOF2011), (Bilbao, Spain), Sept. 14-16, presented on Sept. 16, 2011.
33. W. Lin*, and T. Toma, "Research on Efficiency of High-realistic Video Communications with GI-POF for Telemedicine," 20th International Conference on Plastic Optical Fibers (ICPOF2011), (Bilbao, Spain), Sept. 14-16, presented (poster) on Sept. 15, 2011.
34. Tetsuya Toma*, and Tetsuro Ogi, "Influence of Live Classic Concert on Stress and Relaxation in 3D High Presence Environment," 2011 Asian Conference on Design and Digital Engineering (ACDDE 2011), (Shanghai, China), Proceeding II, pp.503-506, August 27-29, presented on Aug. 28, 2011. (Peer reviewed with extended abstract)
35. Tetsuya Toma*, Takayuki Sugeta, Kazuo Arai, and Yasuhiro Koike, "Real Time High-Definition Video Communication System Using GI-POF For Medical Applications," 19th International Conference on Plastic Optical Fibers (ICPOF2010), (Yokohama, Japan), October 19-21, presented on Oct. 21, 2010.
36. Iwane Maida*, and Tetsuya Toma, "The Study of Parroting Efficacy for Audience with Monitor Size," 19th International Conference on Plastic Optical Fibers (ICPOF2010), (Yokohama, Japan), October 19-21, presented (poster) on Oct. 20, 2010.
37. Ming Li*, Mikito Tateishi, and Tetsuya Toma, "Strategy to Expand High-Speed Plastic Optical Fiber Home Network into China Market," 19th International Conference on Plastic Optical Fibers (ICPOF2010), (Yokohama, Japan), October 19-21, presented (poster) on Oct. 20, 2010.

【International Outreach Presentations】

1. Shingo Kawai* and Tetsuya Toma, "Progress of IoT Research and Industrial Application from the Viewpoint of Information and Communication Technology," IEEE 7th World Forum on Internet of Things, (Virtual Event, USA), June 14-July 31, presented on July 21, 2021.
2. Hiroshi Takizuka*, Toshio Chiba, Tetsuya Toma, and Yasuhiro Koike, "Optical Interface Development for Clinical 8K Video Transmission – 8K Endoscope System Enabling Rigid Endoscopic Surgery of Different Dimension with 4.3 Visual Acuity–," International Workshop on Photonics Polymer for Innovation (IWPPi), (Suwa, Japan), Oct. 15-18, 2018 (demonstration at the exhibition).
3. Tetsuya Toma* and Vittal Anantatmula, "Instructions for GAC Application – How to start Self-Assessment Report," PMI Japan Forum 2016, (Tokyo, Japan), July 9-10, presented on July 10, 2016.
4. Tetsuya Toma* and Vittal Anantatmula*, "Comparing PM Education at Western Carolina University

with SDM, Keio University,” PMI Japan Forum 2015, (Tokyo, Japan), July 11-12, presented on July 11, 2015.

5. Yasuhiro Koike, and Tetsuya Toma*, “Latest Research Findings at KPRI for Face-to-Face Communication,” POF Symposium at OFC/NFOEC2013, (Anaheim, USA), Mar. 20, 2013
6. Jitsuzo Katsumata*, Tetsuya Toma, and Tetsuro Ogi, “Possibility of Integration of Medical Data Using Mobile Van Clinic and Virtual Conference,” 3rd India-Japan Symposium on “Frontiers in Science & Technology: Successes & Emerging Challengers,” Embassy of India, Tokyo, Japan, Sept. 19-20. Presented (poster) on Sept. 20, 2012.

【Invited as a Speaker of Domestic Conference】

1. Tetsuya Toma*, “World Status of PM Education and GAC Program Accreditation,” **Invited Talk**, PMI Japan Forum 2020, (Tokyo, Japan), July 4-5, presented on July 5, 2020. (in Japanese)
2. Tetsuya Toma*, 「新規ビジネス創出のためのシステムデザイン・マネジメント」, **Keynote**, 2019 年度春季研究発表大会, The Society of Project Management, (Tokyo, Japan), Mar. 14-15, 2019, presented on Mar. 15, 2019. (in Japanese, no English title)
3. Tetsuya Toma*, 「4K 画像伝送技術の遠隔医療に与えるインパクト」, **Invited Talk**, ヘルスケア村自由区セミナー「在宅へるすけあ」諸事情,(Tokyo, Japan), Jan. 21, 2016. (in Japanese, no English title)
4. Tetsuya Toma*, “Importance of Project Management Early Education and its Initiative in PMI,” **Invited Talk**, 60th JSEE Annual Conference, Japanese Society for Engineering Education, (Tokyo, Japan), Aug. 22-24, 2012, presented on Aug. 22. (in Japanese)
5. Tetsuya Toma*, 「最先端フォトニクスによる高精細映像を用いた遠隔医療の実現へ向けて」, **Special Talk**, 静岡がん会議 2011, Shizuoka Cancer Center, (Shizuoka, Japan), Mar. 20, 2012. (in Japanese, no English title)

【Domestic Peer-Reviewed Conference Presentations】

1. Midori Sugihara*, Tomiya Kimura, and Tetsuya Toma, “Case study of judgement by top management by data visualization and possibility of adaption for 3S model,” The 33rd Congress of International P2M Association, (Chiba, Japan), April 23, 2022. (in Japanese)
2. Akiko Ichida*, Tetsuya Toma, and Kenichi Takano, “The Management Making Use of Public Employee in the Public Service Workplace,” The 31st Congress of International P2M Association, (Online), April 18, 2021, on-demand video presentation. (in Japanese)
3. Fumio Kijima*, Kenichi Takano, and Tetsuya Toma, “A Study about Differences of Desires to Change Jobs Depending on Types of IT Engineers,” The 31st Congress of International P2M Association, (Online), April 18, 2021, on-demand video presentation. (in Japanese) (**Presentation Encouragement Award**)
4. Tetsuya Toma*, Robben Yam, Hajime Tokura, Yoshitaka Inaba, Tetsuro Ogi, and Yasuhiro Koike, “Quality Requirements on Real Time High-Definition Video Communication by Medical Departments,” The 32nd Joint Conference on Medical Informatics, (Niigata, Japan), Nov. 15-17, 2012, presented on Nov. 15. (in Japanese)

【Other Domestic Conference Presentations】

1. Kaede Nagai*, Kazuhisa Yashiro, Takumi Motoike, Yasushi Ota, and Tetsuya Toma, 「カードゲームを使用した飯能市小中学校の教育における地域資源の再発見促進に関する検証」, 15th Annual Conference, The Japan Association of Regional Development and Vitalization, (Toyooka, Japan), Sept. 2-3, 2023, presented on Sept. 3. (in Japanese, no English title)
2. Shingo Kawai* and Tetsuya Toma, 「Lotka-Volterra モデルを用いた従来のインターネットネットワーク

- とデータセンタ間接続ネットワーク間の競争分析」, The 48th JSICR Annual Conference, July 8-9, 2023, presented on July 9. (in Japanese, no English title)
3. Masako Toriya*, Toru Kimura, Shingo Kawai, Maki Fukuhara, Tomiya Kimura, Yoshinori Washitani, Mitsuru Ide, Mayu Takaramoto, Kayoko Narazaki, Haruka Suzuki, and Tetsuya Toma, 「健康行動を促す介入サービスデジタルプラットフォームの提案」, The 44th Annual Conference of Japan Creativity Society, Nov. 12-13, 2022, presented on Nov. 13. (in Japanese, no English title)
 4. Chieko Fukami*, Isao Suizu, and Tetsuya Toma, 「日本社会に必要な家族の再定義 - 孤立・孤独予備群へ提案する新たなライフスタイルと集合住宅デザイナー」, The 44th Annual Conference of Japan Creativity Society, Nov. 12-13, 2022, presented on Nov. 13. (in Japanese, no English title)
 5. Kazuya Sawai* and Tetsuya Toma, 「アイデア創造を支援する対話内容の記録と再配置を用いた振り返り手法の研究」, The 44th Annual Conference of Japan Creativity Society, Nov. 12-13, 2022, presented on Nov. 13. (in Japanese, no English title)
 6. Yoshiki Okada* and Tetsuya Toma, 「デザイン思考を用いた小学生の「校内ナッジ」開発による創造性向上の検証」, The 44th Annual Conference of Japan Creativity Society, Nov. 12-13, 2022, presented on Nov. 13. (in Japanese, no English title)
 7. Sugiko Honda* and Tetsuya Toma, 「IT化されたエンターテインメント施設やVR空間の設計における避難誘導サインの視覚効果の向上に関する研究」, The 44th Annual Conference of Japan Creativity Society, Nov. 12-13, 2022, presented (poster) on Nov. 13. (in Japanese, no English title)
 8. Mitsuru Ide* and Tetsuya Toma, “Practical example of in-house human resource development program at a Japanese IT company using “System × Design thinking”,” The 44th Annual Conference of Japan Creativity Society, Nov. 12-13, 2022, presented (poster) on Nov. 13. (in Japanese)
 9. Iwane Maida and Tetsuya Toma, 「高校生を対象とした「システム×デザイン思考」教育の実践効果」, The 44th Annual Conference of Japan Creativity Society, Nov. 12-13, 2022 (poster, not presented) (in Japanese, no English title)
 10. Kaede Nagai*, Kazuhisa Yashiro, Takumi Motoike, Yasushi Ota, and Tetsuya Toma, 「地域資源の再発見促進に関する実践 - 地方想生アイデア発想ゲーム埼玉県飯能市編を事例に-」, 14th Annual Conference, The Japan Association of Regional Development and Vitalization, (Yokohama, Japan), Sept. 10-11, 2022, presented on Sept. 11. (in Japanese, no English title)
 11. Tomoyuki Kawamura*, Haruyasu Noguchi, Yoshinori Washitani, and Tetsuya Toma, “Study on factor of organizational culture affecting Digital Transformation—Identifying factors by applying factor analysis and multiple regression analysis—,” The Society of Project Management, (Sapporo, Japan), Sept. 8-9, 2022, presented on Sept. 8. (in Japanese)
 12. Noriko Masaoka*, Toshiaki Monkawa, Yasue Mitsukura, Taro Kondo, Akiyoshi Kitajima, Tomohiro Taguchi, and Tetsuya Toma, “Verification of Empathic Communication Effects Focusing on Patient's Sensitivity for Medical Interview Learning,” The 54th Annual Meeting of the Japan Society for Medical Education, (Takasaki, Japan), August 5-6, 2022, presented on August 6, 2022, (in Japanese)
 13. Kenichiro Saito*, Shutaro Hori, Ryo Seishima, Minoru Kitago, Yasue Mitsukura, Toshiaki Monkawa, Michito Hirakata, Yuko Kitagawa, and Tetsuya Toma, “A Research on Objective Evaluation Method for Laparoscopic Surgery Training Using Kansei Measurement,” The 54th Annual Meeting of the Japan Society for Medical Education, (Takasaki, Japan), August 5-6, 2022, presented on August 6, 2022, (in Japanese)
 14. Maki Fukuhara*, Naoki Kodama, Noboru Makabe, Keita Morikane, and Tetsuya Toma, 「メンバーの行動・意識に関する調査から医療安全を高めるチームとは」, The 8th Annual Congress of the Japan Society of Clinical Safety, June 11-12, 2022, (Hamamatsu, Japan), presented on June 12, (in Japanese, no English title)
 15. Tomoyuki Kawamura*, Tetsuya Toma, and Kenichi Takano, 「デジタルトランスフォーメーションの推進に影響を与える組織的な取り組み：デジタルサービス割合の向上に関する分析」, Japan Industrial Management Association, May 15-16, 2021, presented on May 16, (in Japanese, no English title)
 16. Iwane Maida* and Tetsuya Toma, “Influence of visual delay on minute pointing with cognitive load”, The

- 24th JTTA Annual Academic Conference, (Online), Feb. 11-25, 2021, on-demand video presentation. (in Japanese)
17. Iwane Maida* and Tetsuya Toma, 「高校生を対象とした「システム×デザイン思考」教育の実践」, The 42nd Annual Conference of Japan Creativity Society, (Online), Oct. 31-Nov. 1, 2020, presented on Nov. 1. (in Japanese, no English title)
 18. Akina Masuda*, Shinichi Inada, and Tetsuya Toma, “Effectiveness Evaluation of Remote Operator Addition to Relieve Reluctance in Use of Automatic External Defibrillator,” the 22nd Congress of Japanese Society for Emergency Medicine, (Wakayama, Japan), May 30-June 1, 2019, presented (poster) on May 31. (in Japanese)
 19. Yoshimasa Masuda*, Shuichiro Yamamoto, and Tetsuya Toma, “The Process Related to Drug Discovery and Development through Digital Platform,” 24th Knowledge Sharing Network SIG, The Japan Society for Artificial Intelligence, (Tokyo, Japan), March 8, 2019. (in Japanese)
 20. I. Maida*, Y. Araki, T. Toma, and T. Ogi, “Minute Positioning with Visual Delay Assuming Telesurgery Application,” 35th Tele-Immersion Technology Committee, Virtual Reality Society of Japan, (Kagoshima, Japan), June 7-8, 2018, presented on June 8. (in Japanese)
 21. I. Maida*, K. Ito, S. Sato, T. Toma, and T. Ogi, “Effect of Immersive Visual Analytics Tool on Multidimensional Data Analysis,” 8th Transdisciplinary Federation of Science and Technology Conference, (Kyoto, Japan), Dec. 2-3, 2017, presented on Dec. 3 (in Japanese)
 22. Motoki Asai*, Tetsuya Toma, and Masaru Nakano, “A business game that promotes the skill to obtain “wise agreements” aimed for employees engaged in sales operations,” JASAG 2017 Autumn, (Sapporo, Japan), Nov. 3-5, 2017, presented on Nov. 5 (in Japanese)
 23. K. Ito*, So Sato, I. Maida, S. Nomura, K. Ohashi, T. Toma, and T. Ogi, 「4K 立体視環境を用いた没入型ビジュアルアナリティクスツールによるビッグデータ分析」, The 22nd Annual Conference of The Virtual Reality Society of Japan, (Tokushima, Japan), Sep. 27-28, 2017, presented on Sep. 28. (in Japanese, no English title)
 24. I. Maida*, D. Sakata, M. Kataoka, and T. Toma, “Increasing creativity through "system x design thinking" education for high school students,” 39th Japan Creativity Society, (Yokohama, Japan), Sept 9-10, 2017, presented on Sept. 9. (in Japanese)
 25. Y. Sakakura*, K. Abe, T. Yasui, T. Toma, and T. Maeno, “Designing of “Ba” in Region by Systems Engineering and its Verification,” 9th Annual Conference, The Japan Association of Regional Development and Vitalization, (Shimane, Japan), Sept. 1-3, 2017, presented on Sept. 2. (in Japanese)
 26. I. Maida, T. Ogi*, and T. Toma, “Influence of Visual Delay on Minute Positioning by Upper Limb Assuming Telesurgery Application,” 32nd Tele-Immersion Technology Committee, Virtual Reality Society of Japan, (Miyazaki, Japan), June 22-23, 2017, presented on June 22. (in Japanese)
 27. H. Tanaka*, I. Maida, H. Takizuka, and T. Toma, “Effectiveness Study of Skin Diagnosis Using Video with Different Resolution Areas for Telemedicine,” The 21st Japan Association for Medical Informatics Spring Symposium, (Fukui, Japan), June 1-3, 2017, presented (poster) on June 2. (in Japanese)
 28. I. Maida*, K. Ito, S. Nomura, S. Sato, T. Toma, and T. Ogi, “Evaluation of Walking Data Using Immersive Visual Analytics Tool,” 7th Transdisciplinary Federation of Science and Technology Conference, (Yokohama, Japan), Nov. 18-20, 2016, presented on Nov. 18 (in Japanese)
 29. T. Ozawa*, I. Maida, and T. Toma, “Development of a Learning Style which Students’ Facilitating the Class by Using the Systems Engineering Method – A Case of Mathematics at an Elementary School –,” The 32nd Annual Conference of Japan Society for Educational Technology, Sept. 17-19, 2016, (Osaka, Japan), presented on Sept. 19 (in Japanese)
 30. K. Ito*, S. Sato, S. Nomura, T. Toma, and T. Ogi, 「4K 立体視環境を用いた生体ログデータ用ビジュアルアナリティクスツールの開発」, The 29th Tele-Immersion Technology Committee, Virtual Reality Society of Japan, (Nagasaki, Japan), June 2-3, 2016, presented on June 3. (in Japanese, no English title)
 31. S. Sato*, S. Nomura, T. Toma, and T. Ogi, “Visual Data Analytics Tool for Biometric Log Data in Immersive Environment,” 6th Transdisciplinary Federation of Science and Technology Conference, (Nagoya, Japan),

- Dec. 5-6, 2015, presented on Dec. 6 (in Japanese)
32. A. Mitsui*, H. Suzuki, T. Torikai, H. Takizuka, T. Toma, and Y. Koike, 「GI 型 POF の簡便な接続へのボールペン技術の応用」、Technical Committee on Optical Communication Systems (OCS) (2015) (in Japanese, no English title)
 33. Y. Sato*, Y. Taguchi, I. Maida, T. Fujita, M. Takahashi, Y. Takatsume, E. Takaoki, K. Sekine, J. Sasaki, T. Toma, N. Imanishi, S. Aiso, and S. Hori, 「医学教育における 3D 映像効果の検討」、Japanese Association for Acute Medicine, (Tokyo, Japan), Oct. 21-23, 2013, presented on Oct. 22. (in Japanese, no English title)
 34. J. Katsumata*, T. Toma, and T. Ogi, 「遠隔医療とインドにおけるクリニック車の経済性」、12th General Meeting of the Japanese Research Society of Telepathology and Pathology Informatics (JRST-PT) (2013) (in Japanese, no English title)
 35. T. Fujita, I. Maida*, and T. Toma, 「遠隔教育による手技習得を想定した映像遅延の影響に関する研究」、Japan Association for Medical Informatics Spring Conference 2013 (2013) (in Japanese, no English title)
 36. T. Fujita* (Toma Lab), M. Sugaya, H. Sugiyama, N. Sugiyama, T. Yasui, S. Shirasaka, and T. Maeno, 「欲求連鎖分析 (WCA) を利用した Cause Related Marketing のコンセプト設計方法 ～手法の提案から価値協創ワークショップによる妥当性の検証まで～」、The Japan Association for Social and Economic Systems Studies (2012) (in Japanese, no English title)
 37. T. Sugeta*, T. Toma, and Y. Koike, 「テレビ信号 POF 光送受信器の開発—家庭内同軸ケーブルの POF 化—」、The Institute of Electronics, Information and Communication Engineers (2012) (in Japanese, no English title)
 38. Y. Kubota, T. Toma, T. Ogi, K. Kon, M. Arai, Y. Ikebe, and M. Matsuyama, 「高臨場感映像体験時の生体情報計測」、Human Interface 2012 Fukuoka (2012) (in Japanese, no English title)
 39. S. Haruyama*, T. Maeno, and T. Toma, 「ALPS : 慶應 SDM 研究科の Project-Based Learning」、Japanese Society for Engineering Education (2012) (in Japanese, no English title)
 40. H. Nagaya* and T. Toma, 「慶應義塾大学大学院 SDM 研究科の英語での PM 講座」、Japanese Society for Engineering Education (2012) (in Japanese, no English title)
 41. T. Fujita*, N. Wada, and T. Toma, 「3D ディスプレイを活用した腹腔鏡手術シミュレーションの手技習得の短時間化に関する研究」、The 44th Annual Meeting of the Japan Society for Medical Education (2012) (in Japanese, no English title)
 42. J. Katsumata*, T. Toma, and T. Ogi, 「途上国への医療連携システムの導入の可能性—遠隔教育効果の研究を通して」、The 44th Annual Meeting of the Japan Society for Medical Education (2012) (poster) (in Japanese, no English title)
 43. Y. Kubota, T. Toma, and T. Ogi, 「生体情報による高臨場感映像の評価」、Tele-Immersion Technology Committee, Virtual Reality Society of Japan (2012) (in Japanese, no English title)
 44. S. Suzuki*, Y. Hotta* (Toma Lab), M. Hayashi, and S. Shirasaka, 「商店街活性化における市民参加型価値づくり—商店主—顧客の非経済的インタラクションの数量分析—」、The Japan Association for Social and Economic Systems Studies (2011) (in Japanese, no English title)
 45. J. Katsumata*, T. Toma, and T. Ogi, 「移動型クリニック車システムの実証分析—ベトナム地方村民の立場からの分析」、The Japan Society for International Development (2010) (in Japanese, no English title)
 46. R. Takahashi* and T. Toma, “Study on Operators Active Learning Development,” Information Systems Society of Japan (Tokyo, Japan), Nov. 28, 2010. (in Japanese)
 47. J. Katsumata*, T. Toma, and T. Ogi, 「途上国都市部近郊での住民参加型医療システムは実現可能か—ベトナムのハノイ市の総合病院での調査を中心に」、The Japanese Telemedicine and Telecare Association (JTTA2010 Mishima) (2010) (in Japanese, no English title)
 48. J. Katsumata*, T. Toma, and T. Ogi, 「途上国地方村での医薬品供給システムの構築」、Information Processing Society of Japan 50th Anniversary 72nd National Convention of IPSJ (2010) (in Japanese, no English title)
 49. A. Oka* and T. Toma, 「OPM と Scorecarding 法の組合せによるシステム開発手法の評価」、Information Systems Society of Japan (2009) (in Japanese, no English title)

50. J. Katsumata*, T. Toma, and T. Ogi, 「途上国での遠隔医療導入は可能か、経済評価を中心に」、The Japan Society for International Development (2009) (in Japanese, no English title)
51. J. Katsumata*, T. Toma, and T. Ogi, 「途上国での遠隔医療導入は可能かーインドの医療情報システムを中心にー」、The Japanese Telemedicine and Telecare Association (JTTA2009 Kumamoto) (2009) (in Japanese, no English title)
52. T. Toma*, T. Osawa, Y. Koike, and Y. Otsuka, 「アニオン重合ー拡散共重合による新しい分布屈折率光学材料とその光デバイス化」、37th The Society of Polymer Science Japan (SPSJ) Annual (1988) (poster) (in Japanese, no English title)

【Domestic Outreach Presentations】

1. Tetsuya Toma*, “Transformation by Model-Based Project Design,” **Keynote Speech**, Industry-Academia-Government Collaboration PM Seminar 2023, (Tokyo, Japan), November 9, 2023 (in Japanese).
2. Tetsuya Toma*, 「協創におけるコミュニケーションの重要性」, 2040 Lounge, Keio Global Research Institute, (Tokyo, Japan), November 8, 2023. (in Japanese, no English title)
3. Keio SDM Education System Design Laboratory (led by Tetsuya Toma), 「STEAM 教育と創造性教育：未来への挑戦」, 2040 Quest, Keio Global Research Institute, (Yokohama, Japan), October 20-22, 2023. (in Japanese, no English title)
4. Tetsuya Toma*, and Jun Iio*, “Active Learning and Reflections to Acquire the Soft-skill (Power-skill),” PMI Japan Forum 2023, (On-demand Video), July, 2023. (in Japanese)
5. Tetsuya Toma*, “What is Design Thinking for Business Persons,” April Meeting, Kobe Keio Club, (Online), April 18, 2022. (in Japanese)
6. Tetsuya Toma*, “Project Design and Architecture,” The 30th P2M Club, Project Management Association of Japan, (Online), March 29, 2022. (in Japanese)
7. Tetsuya Toma*, “Discussion on Future Remote Diagnosis under COVID-19 Pandemic,” Symposium 3, The 36th Annual Meeting of the Japanese Society for Psoriasis Research, (Online), September 3-4, 2021. (in Japanese)
8. Tetsuya Toma and Etsuko Mizui, “Project Management Education for the Next Generation Proposed by PMI,” PMI Japan Forum 2021, (Online), July 10-11, held on July 11, 2021. (in Japanese)
9. 当麻哲哉*, 「価値創造のためのプログラム&プロジェクト・デザイン」、新春 PM セミナー2021、日本プロジェクトマネジメント協会 (2021年2月3日、オンライン) (in Japanese, no English title)
10. 当麻哲哉*, 「ウェルネスとSDM」、SDM 研究科公開セミナー(2020年11月17日、オンライン)(in Japanese, no English title)
11. ブライアン・モーザー*, 当麻哲哉, 「チームワークによるプロジェクトデザインの最適化ワークショップ」、PMI 日本フォーラム 2020 (2020年7月4-5日、東京、発表日7月5日) (in Japanese, no English title)
12. 松本純夫、吉村隆、山本修一郎、増田佳正、中村修、当麻哲哉, 「パネルディスカッション」、ヘルスケアシンポジウム～次世代のデジタル戦略を考える (2018年11月16日、横浜) (モデレータ) (in Japanese, no English title)
13. 当麻哲哉*, 「POF2018 開催報告」、第 104 回 POF コンソーシアム全体会議 (2018年11月6日、神奈川) (in Japanese, no English title)
14. 当麻哲哉*, 「イノベーションのための PM の重要性と人材育成」、日立ソリューションズ東日本主催無料セミナー「プロジェクトマネジメント改革がもたらす経営と業務の効率化」(2018年10月12日、東京) (in Japanese, no English title)
15. 当麻哲哉*, 「新規事業開発における PM の重要性と人材育成」、PMI 日本支部 2018年6月度 法人スポンサー連絡会 (2018年6月7日、東京) (in Japanese, no English title)
16. 当麻哲哉*, 「イノベーションを生む企業文化と人材育成ー3M社を事例としてー」、第 54 回クリエイティブ・サロン 第 2 部 講演会+ワークショップ (2018年3月10日、東京) (in Japanese, no English title)
17. 当麻哲哉*, 「新規事業開発における PM の重要性と人材育成」、PMI 日本フォーラム 2017 (2017年7月8-

- 9日、東京、発表日7月9日) (in Japanese, no English title)
18. 当麻哲哉*、「PM 実践者の学術研究とアカデミアへの道 ～博士取得 PM 実践者による体験報告～」、PMI 日本フォーラム 2017 (2017年7月8-9日、東京、発表日7月8日) (in Japanese, no English title)
 19. 喜多羅滋夫、小田めぐみ、当麻哲哉、「パネル ディスカッション: グローバル・プロジェクトを斬る」、PMI Japan Festa 2016 (2016年11月5-6日、横浜、発表日11月5日) (in Japanese, no English title)
 20. 当麻哲哉*、「遠隔医療から地方創生まで ～コミュニケーションをデザインする～」、慶應SDM 講演会 (2016年6月21日、東京) (in Japanese, no English title)
 21. 当麻哲哉*、「高精細映像により遠隔医療は対面に近づけるのか」、第14回からだところのサイエンスカフェ (2015年9月24日、東京) (in Japanese, no English title)
 22. 当麻哲哉*、「フォトニクスポリマーが拓く超高精細映像産業の未来」、第29回ポリマー光部品(POC)研究会 (2014年7月31日、東京) (in Japanese, no English title)
 23. 当麻哲哉、西宏章*「超高速光インターコネクットの提案～プラスチック光ファイバーとボールペン製造技術の融合～」、INTEROP TOKYO、セッション C4-04 これからのデータセンタを知る！～配電と配線編～ (2014年6月9日、東京) (in Japanese, no English title)
 24. 当麻哲哉*、「超高精細映像伝送のための新規光インターコネクットの提案」、高精細・高解像・3D表示の人間工学シンポジウム (2013年12月18日、横浜) (in Japanese, no English title)
 25. 当麻哲哉*、「チャレンジする大学院『慶應SDM』－リーダーシップを育てるコミュニケーション重視の教育システム」、PMI Japan Festa 2013 (2013年11月9-10日、横浜、発表日11月10日) (in Japanese, no English title)
 26. 当麻哲哉*、「フォトニクスポリマー領域における R&D と実用化に向けた課題」、エイトラムダフォーラム 2013 第3回 (2013年10月10日、東京) (in Japanese, no English title)
 27. 当麻哲哉*、「世界最速プラスチック光ファイバーによる革新的ボールペン型光インターコネクットを初公開」、第84回POFコンソーシアム全体会議 (2013年6月20日、横浜) (in Japanese, no English title)
 28. 小池康博*、当麻哲哉、「高精細画像システム ハード面からみた医学教育における3Dの可能性」、第44回日本医学教育学会大会特別セッション (2012年7月28日、横浜) (in Japanese, no English title)
 29. 今西宣晶*、当麻哲哉、高沖英二、相磯貞和、佐藤幸男、堀口崇、神崎晶、「医学教育における新たなる武器 卒前・卒後医学教育における超高精細3D画像のコミュニケーションツールとしての有用性」、第44回日本医学教育学会大会特別セッション (2012年7月28日、横浜) (in Japanese, no English title)
 30. 当麻哲哉*、「プロジェクトリーダーを育成する慶應SDMの挑戦」、PMI 日本フォーラム 2012 (2012年7月7-8日、東京) (in Japanese, no English title)
 31. 当麻哲哉*、「大画面3Dシステムの医療への応用」、フェイス・トゥ・フェイス・コミュニケーション・フォーラム分科会 (2012年2月9日、神奈川) (in Japanese, no English title)
 32. 当麻哲哉*、「失敗もプラスに変えるプロジェクトマネジメント」、ISACA 東京支部月例会 (2011年10月26日、東京) (in Japanese, no English title)
 33. 当麻哲哉*、「4K3D 実写映像の世界」、第75回POFコンソーシアム全体会議 (2011年8月3日、神奈川) (in Japanese, no English title)
 34. 当麻哲哉*、「4K3D 実写映像の世界」、フェイス・トゥ・フェイス・コミュニケーション・フォーラム分科会 (2011年7月14日、神奈川) (in Japanese, no English title)
 35. 当麻哲哉*、「慶應義塾大学医学部 3D 医療映像評価実験」、フェイス・トゥ・フェイス・コミュニケーション・フォーラム分科会 (2011年6月9日、神奈川) (in Japanese, no English title)
 36. 当麻哲哉*、「慶應SDM～プロジェクトリーダー育成への挑戦～」、itSMF Japan/PMI 日本支部共催シンポジウム (2010年11月26日、横浜) (in Japanese, no English title)

Advisees and Thesis Topics

【Doctoral Dissertation】

1. Fumio Kijima, Keio University (2024), "A Study of Psychological Factors Influencing IT Engineers'

Turnover in the Information and Communication Industry and Suggestions for Improvement Measures,” (in Japanese)

2. Tomiya Kimura, Keio University (2022), “Business Feasibility Analysis through Multi-Perspective Externalization for the Introduction of Retread Tires in Passenger Cars,” (in Japanese)
3. Yuichi Oshima, Keio University (2021), “Product Innovation of Japanese Traditional Local Industry through Collaboration with Actors – Types and Roles of Mediators Used for Knowledge and Information Propagation,” (in Japanese)
4. Iwane Maida, Keio University (2018), “Involuntary Adaption of Motion Strategy to Image Delay during Remote Positioning Motion,” (in Japanese)

[Masters' Theses] If not specified, *Japanese* is used as an official language.

1. Mayumi Asakawa, Tetsuya Toma, “Changing Attitudes and Improving the Workplace through Mutual Understanding of Gender Differences in Stress,” Master Thesis (2024)
2. Wataru Ushiodani, Tetsuya Toma, “Proposal of Self-Associative Advertising to Support a Rich Consumer Life: Aiming to Promote Ethical Consumption,” Master Thesis (Learning-Intensive Course) (2024)
3. Chiaki Ozawa, Tetsuya Toma, “A Study of Factors Affecting the Effectiveness of Cross-Functional Collaboration in New Business Development in Japanese Enterprises,” Master Thesis (Learning-Intensive Course) (2024)
4. Ryo Miyama, Tetsuya Toma, “Emotional Effects of True Feelings and Public Stance during Dialogue in Interviews,” Master Thesis (Learning-Intensive Course) (2024)
5. Taku Yamamoto, Tetsuya Toma, “Effectiveness and Validation of Instructor's Calling Out Using Sensitivity Analysis in Laparoscopic Surgery Training,” Master Thesis (2024)
6. Mai Anh Nguen, “Effectiveness Measurement and Evaluation of Using Interactive Videos in Knowledge Transfer: Regarding the Detailed Design Phase of the Software Outsourcing Project between Vietnam and Japan,” Master Thesis (2023) (in English)
7. Daniel Piede, “Expediting Communication Preparation for Medical Representatives in Japan Using an AI Assistant,” Master Thesis (2023) (in English)
8. Yoshiki Okada, Tetsuya Toma, “Development and Verification of a Workplace Culture Improvement System Using "Emotion Expression Sticky Notes" with Nudge Theory in Elementary Schools,” Master Thesis (2023)
9. Yohei Kikutake, Tetsuya Toma, “Flexibility of Business Rules Brings Creativity in Customer Response: A Case Study of an Auto Leasing Company's Sales Representatives,” Master Thesis (2023)
10. Mayu Takaramoto, Tetsuya Toma, “Designing and Evaluating a Behavioral Transformation Model for Exercise Habits and Continuity Improvement,” Master Thesis (2023)
11. Kayoko Narazaki, Tetsuya Toma, “Analysis of Factors that Motivate Operators of Kodomo-Shokudos to Continue Their Activities and Proposal of a Motivation Improvement Method Using Analogical Thinking,” Master Thesis (2023)
12. Kenichiro Saito, Tetsuya Toma, “A Research on Objective Evaluation Method for Endoscopic Surgery Training Using Kansei Measurement,” Master Thesis (2022)
13. Kazuya Sawai, Tetsuya Toma, “A Study of a Reflection Method Using Dialogue Recording and Rearrangement to Support Idea Creation,” Master Thesis (2022)
14. Midori Sugihara, Tetsuya Toma, “Research on the Effects of Data Visualization on the Speed and Sensitivity of Understanding,” Master Thesis (2022)
15. Miho Nakamura, Tetsuya Toma, “Development and Learning Effectiveness of Gaming Simulation as a Learning Tool for Medical Device Development Process,” Master Thesis (2022)
16. Noriko Masaoka, Tetsuya Toma, “Verification of Empathic Communication Effects Focusing on Patient's Sensitivity for Medical Interview Learning,” Master Thesis (2022)
17. Yuko Chikaraishi, Tetsuya Toma, “An Analysis of Obstacles to BCP Formulation in Japan's Tourism

- Industry,” Master Thesis (Learning-Intensive Course) (2021)
18. Mitsuru Ide, Tetsuya Toma, “Case Study on the Characteristics and Elements Required for Business Creators and Producers in Human Resource Development Training at Japanese IT Companies,” Master Thesis (Learning-Intensive Course) (2021)
 19. Yumi Shima, Tetsuya Toma, “Psychological Impression and Real-Time Kansei Changes of Music Listeners Caused by Differences in Piano Playing Techniques,” Master Thesis (2021)
 20. Ye Zhou, Tetsuya Toma, “Suggestions for Improving the Image of Ethnic Tourism and Repeat Rate of Tourists in Guizhou, China,” Master Thesis (2021)
 21. Kaede Nagai, Tetsuya Toma, “Influence and Structural Analysis of Outsider Participation in Online Workshop: Discovering Potential Regional Attractiveness by Comparing with Other Regions,” Master Thesis (2021)
 22. Haruyasu Noguchi, Tetsuya Toma, “Influence of Philosophy Penetration in Family Firms on Normative Long-Term Oriented Behavior of Employees and the Enhancement of Stakeholder Relations,” Master Thesis (2021)
 23. Chuan Qin, Tetsuya Toma, “Influence of High-Intensity Interval Training on Mathematical Ability and Concentration in Comparison with Medium Intensity Exercise,” Master Thesis (2020)
 24. Tomoaki Okubo, Hidekazu Nishimura, “Proposal of an Effective Method to Improve for Psychological Frailty for the Long-Term Care Prevention: The Effect of Improved Appearance on Cognitive Function,” Master Thesis (2020) (Associate Advisor)
 25. Yuko Kurosaki, Tetsuro Ogi, “Behavior Recommendation System for Dietary Habits Using Push Notification,” Master Thesis (2020) (Associate Advisor)
 26. Kibaek Shin, Tetsuya Toma, “Identification of Psychological Factors that Affect Motivation of Chinese Students to Interact with Japanese Students,” Master Thesis (2020)
 27. Masaki Sugiyama, Tetsuya Toma, “A Proposal of Rules Signboard Register for Toshima Ward Community Parks in Tokyo,” Master Thesis (2020)
 28. Miyuki Taniguchi, Tomohiko Taniguchi, “A Proposal of a System for Creating Shared Leadership,” Master Thesis (2020) (Associate Advisor)
 29. Misako Yoshinari, Hidekazu Nishimura, “Definition of an Ideal Supervisor and Subordinate to Improve their Communication in a Certain Organization,” Master Thesis (2020) (Associate Advisor)
 30. Ning Chuang, Tetsuya Toma, “Proposal of Creating Regional Flyers to Enhance Travel Intention and to Improve Destination Image for Taiwanese Visitors,” Master Thesis (2019)
 31. Kyoka Egami, Tetsuya Toma, “Influence of “System x Design Thinking” Education on Zest for Living for High School Students – A Case of Private High School in Saitama Prefecture –,” Master Thesis (2019)
 32. Kai Ohashi, Tetsuya Toma, “Design of 3G Braking System to Be Applied in Limited Braking Distance for the High-Speed Hyperloop Pod,” Master Thesis (2019)
 33. Naoyuki Hirano, Tetsuya Toma, “Proposal of a Refactoring Support System for Code Clones with Cross-Language Dependency,” Master Thesis (2019)
 34. Sugiko Honda, Tetsuya Toma, “Research on Improving Effectiveness of Evacuation Support Signboard in Interactive Space,” Master Thesis (2019)
 35. Wen Lu, Tetsuya Toma, “Creating English-Speaking Opportunities Using Self-Talk to Reduce Anxiety and Improve Learning Motivation,” Master Thesis (2018) (in English)
 36. Roongratsamee Jianpinitnan, Tetsuya Toma, “Proposal of Motivating Thai Construction Workers by Recognizing Their Behaviour to Wear Personal Protective Equipment,” Master Thesis (2018) (in English)
 37. Momoko Eda, Tetsuya Toma, “Proposal of Error Checking Methods for Inpatients to Prevent Medical Accidents before Taking Medicine,” Master Thesis (2018)
 38. Masanori Kataoka, Tetsuya Toma, “Visualization of ‘Skills of Street Smarts’ for Methodology Development to Improve ‘Skills of Street Smarts’,” Master Thesis (2018)
 39. Daichi Sakata, Tetsuya Toma, “Proposal of “Let's Play in the Town Workshop” to Improve Intrinsic Motivation for Alternative Tourism,” Master Thesis (2018)

40. Akina Shinomiya, Tetsuya Toma, "Effectiveness Evaluation of Remote Operator Addition to Relieve Reluctance in Use of Automatic External Defibrillator," Master Thesis (2018)
41. Hiroyuki Suzuki, Tetsuya Toma, "Proposal of Communication at the First Meeting to Improve Working Environment for Japanese IT Employees with Overseas Assignment in the Philippines," Master Thesis (2018)
42. Motoki Asai, Tetsuya Toma, "A Business Game for 'Eigyō' Practitioners to Understand the Importance of 'Integrative Bargaining'," Master Thesis (2018)
43. Rupert Schneider, Tetsuya Toma, "Collaborations of Japanese and Germans in the IT Business: Characteristics and Challenges," Master Thesis (2017) (in English)
44. Tomonori Oyama, Tetsuya Toma, "Reflection of the Instruction Based on Family-Like Love in Individual Tutoring," Master Thesis (2017)
45. Yukiko Sakakura, Tetsuya Toma, "Design and Verification of "Ba" Generation Process to Strengthen Relationships," Master Thesis (2017)
46. Tsutomu Sato, Tetsuya Toma, "Research for *Kansei* Analysis during Communications with Simplified Electroencephalographs," Master Thesis (2017)
47. Fumii Taketani, Tetsuya Toma, "Proposal of Visualizing Model of Customer Demands Sufficiency Degree in Designing Private Life Insurance," Master Thesis (2017) (in English)
48. Yichi Zhang, Tetsuya Toma, "Verifications of Possibility to Promote Japanese Beauty Salons by Providing Tour Image for Chinese Tourists," Master Thesis (2017)
49. Maki Fukuhara, Tetsuya Toma, "Study on Teamwork of Hospital Employees and Energizing Organization for Multidisciplinary Care," Master Thesis (2017)
50. Prashant Bansod, Tetsuya Toma, "Study on Commitment and Engagement of Indian Employees at the Japanese Manufacturing Companies in India," Master Thesis (2016) (in English)
51. Tomonori Ozawa, Tetsuya Toma, "Proposal of a Tool to Enhance the Learning Quality at the Students' Leading Learning in an Elementary School - A Case of Mathematics," Master Thesis (2016)
52. Hirotaka Tsunemoto, Tetsuya Toma, "Analysis about Relationship between Display Size and Disgust of the Object in High-Definition Image," Master Thesis (2016)
53. Hiroki Furukawa, Tetsuya Toma, "Developing Needs Analysis Method to Design Services by Considering Consumers' Various Values," Master Thesis (2016)
54. Saki Yoshihara, Tetsuya Toma, "Design and Evaluation of the Framework for Conception of Local Performing Arts Center," Master Thesis (2016)
55. Masahiro Yoritama, Tetsuya Toma, "Proposal of a Framework for Designing Activities to Safeguard Local Food Culture," Master Thesis (2016)
56. Shinichiro Sakamoto, Tetsuya Toma, "Development of the Visualization Tool and Research on Local System Collaboration for Biomass Facility," Master Thesis (2015)
57. Hidekazu Tanaka, Tetsuya Toma, "Effectiveness Study of Skin Diagnosis Using Video with Different Resolution Areas for Telemedicine," Master Thesis (2015)
58. Tomohiro Kaku, Tetsuya Toma, "Designing a Video Communication Field to Improve Non-Verbal Message Communicability by a Sense of Distance over the Screen and Color of the Background," Master Thesis (2015)
59. Nao Sato, Tetsuya Toma, "Effective Interior Lighting Design for Knowledge Creation Team Activities," Master Thesis (2015)
60. Satoru Nagai, Tetsuya Toma, "Motivation Survey of Local Government Officials Based on Recognition and Cooperation," Master Thesis (Learning-Intensive Course) (2015)
61. Ayako Hashimoto, Tetsuya Toma, "Investigation and Analysis on Motivation Factors of Female Employees to Get Management Positions," Master Thesis (2015)
62. Yasuhiro Taguchi, Tetsuya Toma, "A Study on the Effect of Stereoscopic Vision on Eye Movements in Medical Education," Master Thesis (2014)
63. Nanako Takeda, Tetsuya Toma, "Proposal of Periodic Time Home-Visit Care Services - Improving

- Restraint of Regular Visiting on Demand Care Services,” Master Thesis (2014)
64. Kazuyuki Iwasaki, Tetsuya Toma, “Study of Making an Opportunity for Residents by Providing an Unused School Building,” Master Thesis (2014)
 65. Sho Iwasaki, Tetsuya Toma, “Proposal of Local SNS Based on Geographical Information to Reflect Public Opinion of Silent Majority in Urban Planning,” Master Thesis (2014)
 66. Yoshiyuki Kuze, Tetsuya Toma, “Disability and Health Based Functional Reference Model for Watch-Over System Architecture - To Prevent Solitary Death of Elderly People Living on Their Own,” Master Thesis (Learning-Intensive Course) (2014)
 67. Manaho Shigeyama, Tetsuya Toma, “Study on Emotional Change by Music Listening Using Voice Analysis,” Master Thesis (2014)
 68. Mariko Takahashi, Tetsuya Toma, “Identification of Factors to Support Academic Reading on Electronic Devices - Evaluation Experiments Using Reflowable Display Format,” Master Thesis (2014)
 69. Mireiyu Noguchi, Tetsuya Toma, “System Design for Senior Consumers Behavioral Model - Movie Theater as an Example,” Master Thesis (2014)
 70. Wan-chi Lee, Tetsuya Toma, “Proposal of Rebuilding the Discontinued Agricultural Telediagnosis System in Taiwan and Analysis on the Factors which Influence its Diffusion Effectiveness,” Master Thesis (2013)
 71. Ken Ikuma, Tetsuya Toma, “A Research on Effect on Medical Pedagogy by Videos Taken from Surgeon's Viewpoint Using Stereo Binocular Vision System,” Master Thesis (2013)
 72. Shinya Imoto, Tetsuya Toma, “An Influence of Speakers' Directivities on Intellectual Productivity while Listening Music,” Master Thesis (2013)
 73. Satoshi Suzuki, Tetsuya Toma, “A Research on Reliability Factors of Teledermatology Using 4K Image,” Master Thesis (2013)
 74. Naomi Fukuchi, Tetsuya Toma, “A Study on a Survey Method of Japan - South Korea Relationship by Distinguishing between Nations and Individuals,” Master Thesis (2013)
 75. Tomoyuki Fujita, Tetsuya Toma, “A Proposal of Method of Efficient Education Using Remote Surgery Simulation - Considering Effects of Display and Delay -,” Master Thesis (2013)
 76. Yoshie Hotta, Tetsuya Toma, “Analysis of the Value Created by the Communication between Customers and Shop Owners in Local Shopping Streets,” Master Thesis (2013)
 77. Akira Yasuda, Tetsuya Toma, “Designing of Novel Consumer Behavior Model for Music Purchase - The Model for Enhancing Purchase Probability by Bayesian Network -,” Master Thesis (2013)
 78. Benie Shigaki, Tetsuya Toma, “Study on Dissolution of the Resistance Consciousness to Student's English, and Verification of a Spontaneous Learning Inducement by Intercultural Communication,” Master Thesis (2012)
 79. Kiyoto Kiso, Tetsuya Toma, “A Study on Mitigating Resignation Against Politics for People Having High Political Literacy,” Master Thesis (2012)
 80. Hao Tang, Tetsuya Toma, “A Study on Evaluating Remote Maintenance Support System Using High-Definition Large-Size Display for Automobile Industry,” Master Thesis (2012)
 81. Robben Yam, Tetsuya Toma, “A Practical Extension of Technology Acceptance Model for Adopting Real-Time Telemedicine System,” Master Thesis (2012) (in English)
 82. Wei Lin, Tetsuya Toma, “A Research on Factors that Influence on Diffusion of Telemedicine Using High-Definition Video Communications,” Master Thesis (2012)
 83. Ryosuke Takahashi, Tetsuya Toma, “Desining an Active Learning Model for Strategic Operation of Information System for Small Business Management,” Master Thesis (2011)
 84. Shinichi Ito, Tetsuya Toma, “A Research on Incentives from Rewritable Hybrid Medium (RHM) to Reduce Paper Consumption at Manufacturing Processes,” Master Thesis (2011)
 85. Akihiro Taguchi, Tetsuya Toma, “An Experimental Study on Consistency in Multi-Viewpoint Information Systems Architecture” (2011)
 86. Mikito Tateishi, Tetsuya Toma, “A Cross-Cultural Comparative Study of User Interface in Social Media - Why Social Media Can Cross Seas But Not Nationalisms -,” Master Thesis (2011) (in English)

87. Iwane Maida, Tetsuya Toma, "A Study on Higher Educational Model for Connecting Education to Labor," Master Thesis (2011)
88. Ke Zhu, Tetsuya Toma, "A Study on Improving Cell Phone Recycling Rate in China by Adopting Lease System for 3R Promotion," Master Thesis (2010)
89. Ryuta Ohashi, Tetsuya Toma, "A Study on the Prospects of E-book and the Structural Change towards Printing Industry," Master Thesis (2010)
90. Akira Oka, Tetsuya Toma, "A Study on Methodology of Holistic System Design and Its Evaluation for Traceability of Customer Values," Master Thesis (2010)
91. Masami Oginuma, Tetsuya Toma, "A Study on the Communications Platform Strategy to Support Journalism throughout Customer Value Analysis of Mass Media," Master Thesis (2010)
92. Kazuto Tsukidate, Tetsuya Toma, "A Study on Quantitative Risk Analysis Tool to Visualize Uncertainty on Designing Alternatives," Master Thesis (2010)
93. Po-chun Huang, Tetsuya Toma, "A Study on Promotion Quality Function Deployment in Strategic Marketing Planning," Master Thesis (2010) (in English)
94. Shinichi Yahata, Tetsuya Toma, "A Study on Cost Reduction and Risk for Computer System Development by Combining Open Source Software and Offshoring Development," Master Thesis (2010)
95. Ming Li, Tetsuya Toma, "Research on Strategy to Expand High-Speed Plastic Optical Fiber Home Network into China Market," Master Thesis (2010)

【Doctoral Dissertation (Associated Advisor)】

1. Kentaro Tokura, Keio University (2024), "Development of a Planning and Appraising Model for Building Construction Management Operations towards Sustainable Development of the Construction Industry," (in Japanese)
2. Yilong Cao, Keio University (2023), "Development of a Soundness Evaluation System for Maintenance Efficiency on a Railway Bridge Beam Using Its Natural Frequencies," (in Japanese)
3. Akihisa Morito, Keio University (2023), "Design of Internal Body Cooling Method Using Low-Temperature Ice Slurry for Fatigue Recovery and Evaluation in Rugby" (in Japanese)
4. Alghoname Ghoname Abdullah, Keio University (2022), "Research on Photovoltaic System Evaluation Based on Multiple Perspectives: Consideration from Technical, Economic, and Environmental Viewpoints"
5. Akiko Ichida, Keio University (2020), "Study on the Role of Organizational Culture and Managerial Leadership in Enhancing Employee Satisfaction in Municipalities" (in Japanese)
6. Kazuhide Abe, Keio University (2020), "Primary Factors to Reinforce Mindfulness Contributing to the Success of Plant Construction Projects" (in Japanese)
7. Keisuke Seya, Keio University (2020), "Features of Emerging Technology Learning Materials Suited for Non-Technical Adults"
8. Toshiro Kiura, Keio University (2019), "Value Chain Design and Engineering Method Using Participatory Model-Based Learning Cycle"
9. Shigeki Fujiwara, Keio University (2019), "Study on the Prevention of Medical Accidents at Medical Institutions by Fostering a Culture the Encourages Safe Practices" (in Japanese)
10. Nobuyuki Kobayashi, Keio University (2018), "Unifiedly described-four layered assurance case for increasing the feasibility of accomplishing management vision – Proposal of D-Case description method and evaluation method for solving six communication challenges in the discussion on business improvement –" (in Japanese)
11. Yumi Fujiwara, Keio University (2018), "Design and Verification of Setsugu Communication Education Focused on Learner's Subjective Evaluation Using Active Learning" (in Japanese) (Associate- Advisor)
12. Yoshimasa Masuda, Keio University (2018), "Adaptive Integrated Digital Architecture Framework with Risk Management for Global Enterprise"
13. Keiko Katagata, Keio University (2017), "Study on Crisis Communication Strategy Based on Factors of

Corporate Crisis” (in Japanese)

14. Yukiko Otsuka, Keio University (2016), “A Study of IT Project Managers’ Management Competencies in Japan” (in Japanese)
15. Jitsuzo Katsumata, Keio University (2013), “Possibility to Solve the Medical Gap between Urban and Rural Areas in Developing Countries Using Mobile Clinics – Through an Economic Effects of the Management of Mobile Van Clinic in India” (in Japanese)

Others (Honors, Awards, Affiliations, Activities, etc.)

★Certifications:

Project Management Professional (PMP), Project Management Institute (2007)

★Patents: (“*Italic*”: Filed, “**Bold**”: The first inventor)

1. 情報伝達システムと情報伝達プログラム, 特願 2022-88500(P2022-88500), 特許第 7180940 号(P7180940), 2022.5.31 出願
2. S C形光コネクタ, 特願 2013-068646, 特開 2014-191279, 2013.3.28 出願
3. 電気光変換装置, 特願 2012-211458, 特開 2014-053879、特許第 6201140 号, 2012.9.6 出願
4. Light Directing Film, WO 2007143341 A1, US7950838 B2, 2007.5.14 (JP2009-539145A 光配向フィルム, 2007.5.14)
5. Brightness Enhancing Film Composition, WO 2005062082 A1, 2004.11.12
6. 熱硬化性接着剤組成物 (Thermosetting adhesive composition), JP2002-332465A, 2001.4.25
7. Release Material, Release Material Article, and Process for Producing the Release Material Article, WO 200164805 A3, US6660354 B2, 2001.2.28
8. Constraint-Type Viscoelastic Dampers, WO2001014766 A1, 2000.7.21, **the lead inventor** (JP2001-82537A 拘束型粘弾性ダンパー, 1999.8.26, 第一発明者)

★Awards:

1. Gijuku Award 2022 from Keio University (2022)
2. 3M Golden Step Award 2006 (TBEF II M)
3. 3M Golden Step Award 2006 (BEFRP2-RC)
4. 3M Golden Step Award 2006 (BEF-RP 90/24)
5. 3M Golden Step Award 2005 (TBEF II T)
6. 3M Pathfinder Award 2000
7. 3M ASUKA Funding Program Winner 2000
8. 3M Global Sales and Marketing Professionalism Award 1999 (Silicone Free Tape #4395 for HDDs)
9. 3M Technical Circle of Excellence Team Award 1999
10. 3M Technical Circle of Excellence Team Award 1998
11. 3M Annual Event Communication Excellence Award 1998

★Funded Research Projects:

1. 科学技術融合振興財団(FOST)、2022 年度調査研究助成「地域活性化のためのアイデア創出及び地域愛着度向上を目指したゲーミング研究」代表 (2023 年) : プロジェクト総額 95.2 万円
2. D 社共同研究「題目非開示 (ナッジ研究関連)」代表 (2023 年) : プロジェクト総額 55 万円
3. 公益財団法人前川財団、2022 年度家庭・地域教育助成「デザイン思考によるこども食堂運営者の参入動機および継続意欲の向上支援」代表 (2022 年) : プロジェクト総額 75 万円
4. C 社受託研究「医療・ヘルスケア分野におけるシステムデザイン・マネジメント手法を用いた課題解決の検討」代表 (2022 年) : プロジェクト総額 20 万円

5. B社受託研究「中小企業におけるDX推進を向上する方策の研究」代表(2022年):プロジェクト総額50万円
6. A社受託研究「自律移動ロボットの活用方法研究」代表(2021年):プロジェクト総額100万円
7. 神奈川県平成29年度県西地域大学連携事業「耕作放棄解消のための安全性・収益の高い柑橘栽培の実践と都市農村交流を通じた未病改善事業」代表(2017年):プロジェクト総額345万円
8. Hanno City, “Research on System Design for Local Revitalization and Problem Solving of Hanno City”/飯能市「飯能市の地域活性化および地域課題解決のためのシステムデザイン研究」代表(2015~2016年):プロジェクト総額580万円
9. 情報通信研究機構(NICT)「ソーシャル・ビッグデータ利活用・基盤技術の研究開発」課題:ヘルスリテラシー向上のための生体ログデータ分析に基づく健康情報フィードバック 研究分担者(2014~2017年):プロジェクト総額8,000万円(うち分担分:500万円)
10. 最先端研究開発支援プログラム サブテーマ3 リーダー(2010~2014年):プロジェクト総額42億円(うちサブテーマ3:4億9500万円)
11. 研究推進センター研究助成金「ウェルネス・コミュニティ・プロジェクト」課題A 共同研究者(2009~2010年):プロジェクト総額1500万円(うち課題A:900万円)
12. 財団法人慶応工学会事業「ファイバートゥザディスプレイプロジェクト」運営副委員長(2008~2009年):プロジェクト総額2500万円
13. 総務省 PREDICT「サステナビリティと導入インセンティブを創発するダイナミックな管理システムに関する研究開発(095103006)」研究分担者(2009年):プロジェクト総額6500万円(うち分担分:414万円)

★Professional Activities:

1. Board Members of International Cooperative of Plastic Optical Fibers (ICPOF) (2010 - present)
2. Vice Chair, POF Consortium (2013 - present)
3. Open Healthcare 2030/ Digital Architecture Consortium (2018.11.1 – present)
4. Director of PMI Global Accreditation for Project Management Education Programs (GAC) (2020.1.1 – 2025.12.31)
5. Director, Japan Creativity Society (2020.1.1 – 2022.12.31), Vice Chair (2023.1.1 – 2025.12.31)
6. Reviewer, Journal of Japanese Management, Japan Federation of Management Related Academies (2021 – present)
7. Chair of P2M Standard Guidebook Revision Committee (2022.4.1 – 2024.3.31)
8. Fellow, Yokohama Future Organization (2022.4.1 – 2024.3.31)
9. Director, Project Management Association of Japan (PMAJ) (2021.7.1 - 2025.6.30)
10. Judge Committee Chair, Yokohama Idea Challenge (2020 – 2024)
11. Member of Technical Program Committee, 31st International Conference on Plastic Optical Fibers (POF2023) (2023)
12. Member of International Conference Committee, 30th International Society of Transdisciplinary Engineering (TE2023) (2023)
13. Member of Technical Program Committee, 30th International Conference on Plastic Optical Fibers (POF2022) (2022)
14. Member of Conference Committee, 29th International Society of Transdisciplinary Engineering (TE2022) (2022)
15. Examination Member, Establishment Advisory Committee of Promotion Council on Innovation City Yokohama (2020 – 2021)
16. Chair, Organizing Committee of 31st Spring Congress of International P2M Association (2021)
17. Chair of Technical Program Committee, The 28th International Conference on Plastic Optical Fibers (POF2019) (2019)
18. Mentor, APPROACH (Advanced Program for PROgram mAnager’s Candidate Hub), Japan Science and Technology Agency (2015.10.1 – 2019.9.30)
19. Member of Laser Applications for Automobile Advisory Committee, Laser Society of Japan (2018.7.13 –

2019.7.2)

20. Local Organizing Committee & Program Committee Member of Council of Engineering Systems Universities 2018 (CESUN 2018) (2018)
21. Member of Laser Lighting Display Advisory Committee, Laser Society of Japan (2012.5.1 – 2018.3.31)
22. Member of International Program Committee, 26th International Conference on Plastic Optical Fibres (POF2017) (2017)
23. Director, PMI Japan Chapter (2010.1.1 – 2017.12.31)
24. Chair, PM Community Vitalization Committee, PMI Japan Chapter (2015.4.1 – 2017.12.31)
25. Vice Chair, Organizing Committee of 39th Conference of Japan Creativity Society (2017)
26. General Chair of 1st PMIJ Leader Meeting (LM2015) (2015)
27. Program Committee Member of ACDDE2015 (Asian Conference on Design and Digital Engineering 2015) (2015)
28. Program Chair of Local Steering Committee, POF2014 (The 23rd International Conference on Plastic Optical Fibers) (2014)
29. Member of Program Committee, The 2nd international conference on Serviceology (ICServ2014) (2014)
30. Member of the International Advisory Board (IAB), International Conference of Asia-Pacific Council on Systems Engineering 2013 (APCOSEC2013) (2013)
31. Vice Chair of Local Steering Committee, The 19th International Conference on Plastic Optical Fibers (POF2010) (2010)

★Society Members:

1. PMI (Project Management Institute)
2. PMAJ (Project Management Association of Japan)
3. IAP2M (International Association of Project and Program Management)
4. JCS (Japan Creativity Society)
5. The Japan Association of Regional Development and Vitalization
6. JTITA (Japanese Telemedicine and Telecare Association)
7. JSME (The Japan Society for Medical Education)
8. JAMI (Japan Association for Medical Informatics)
9. JSPEN (Japanese Society for Clinical Nutrition and Metabolism)
10. JSIM (Japan Society for Information and Management)

★University Committees:

※任期中のもの：

1. 未来先導国際奨学金運営委員会委員 (2024.4.1～2026.3.31)
2. FD 委員会委員 (2024/4/1～2025/3/31)
3. 研究科委員長補佐 (研究科幹事) (2014.4.1～2017.9.30, 2023.10.1～2025.9.30)
4. 学生総合センター副部長 (2023.10.1～2025.9.30)
5. KGRI 拡大人事委員 (2022.10.1～2025.9.30)
6. 大学院奨学委員会委員 (2022.10.1～2025.9.30)
7. SDM 研究科内 ハラスメント委員 (2020.10.1～2025.9.30)
8. 大学FD 委員会委員 (2017.4.1～2019.3.31, 2024.4.1～2025.3.31)
9. KGRI プロジェクト慶應フオトニクス・リサーチ・インスティテュート副所長 (2020.4.1～present)
10. KGRI 健康寿命延伸プロジェクト上席所員 (2021.10.6～2025.3.31)
11. SDM 研究所 プロジェクト・デザイン合宿研修 セミナー・コーディネーター (2009～2016)、監修 (2017～present)

※任期終了しているもの

1. SDM 研究科内 国際連携 (リーダー) (2022.10.1~2023.9.30)
2. 学習指導委員 (2022.4.1~2023.9.30)
3. 国際センター 学生交換・在外研修委員会委員 (2021.10.1~2023.9.30)
4. 日吉学術研究支援部 研究倫理審査会委員 (2021.10.1~2023.9.30)
5. 日本語・日本文化教育センター運営委員会委員 (2021.10.1~2023.9.30)
6. 利益相反マネジメント統括委員会委員 (2021.10.1~2023.9.30)
7. SDM 研究科内 広報委員 (2021.10.1~2023.9.30)
8. SDM 研究科内 研究倫理委員 (2020.10.1~2022.9.30)
9. SDM 研究科内 利益相反マネジメント委員会委員 (2020.10.1~2022.9.30)
10. SDM 研究科内 国際連携委員 (2016.4.1~2022.9.30)
11. 慶應義塾大学グローバルリサーチインスティテュート (KGRI) 所員 (2018.4.1~2022.3.31)
12. 理工学部・理工学研究科附属フォトニクス・リサーチ・インスティテュート副所長 (2010.4.1~2020.3.31)
13. 慶應 SDM 開設 10 年記念式典実行委員会 委員長 (2017.4.1~2018.5.13)
14. 慶應義塾博士課程学生研究支援プログラム委員会委員 (2013.10.1~2017.9.30)
15. 学生総合センター副部長 (2013.10.1~2017.9.30)
16. 先導研究センター拡大人事委員 (2013.10.1~2015.9.30)
17. 学習指導委員 (2008.4.1~2017.9.30)
18. 国際センター運営委員 交換留学生委員会委員 (2009.10.1~2013.9.30)
19. 大学院案内編集委員 (2011.10.1~2013.9.30)

★Laboratories in SDM:

Faculty-specific Research Laboratories

1. Communication Design Laboratory (Representative)

Trans-domain Research Laboratories

1. Management Design Center (Representative)
2. The Local Resource Utilization Laboratory (Representative)
3. *Ba* Design Laboratory (Representative)
4. Laboratory for Long-Lasting Business Entities, a la Japonaise (Representative)
5. Business Design x Project Management Laboratory (Representative)
6. Healthcare and Digital Architecture Lab (Representative)
7. Arts and Design Laboratory (Representative)
8. Entrepreneur Laboratory (Representative)
9. Education System Design Laboratory (Representative)
10. Social & Business Game Laboratory (Representative)
11. Wellness Study Group (Representative)
12. Sustainable Smart City Laboratory (Member)

★Other Domestic Activities:

1. 元 慶應義塾大学 ショカールスキークラブ 会長 (2022 年廃会)
2. 元 慶應義塾大学 郵便切手研究会 会長 (2022 年廃会)
3. 慶應義塾大学 文化・世界観研究会 理事 (監事)
4. インターナショナルVIP クラブ慶應義塾大学 役員 (日吉キャンパス代表)
5. インターナショナルVIP クラブ横浜日吉 役員
6. 元 東京都スキー連盟 準指導員 (1987-2009 年)
7. 元 東京都スキー連盟 C 級公認検定員 (1987-2009 年)