B'AI Global Forum

Annual Report 2021

2022.05.23.

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Introduction

It has been a year and a half since the B'AI Global Forum was launched on 30 July 2020.

The main focus of our mission is on how to better realize the social goal of ensuring an equal society and the rights of minorities in an age where AI permeates every aspect of society. This report is a summary of our research and educational activities for the second year until the end of March 2022.

B'AI includes faculty members, researchers, and graduate students from the University of Tokyo, as well as people from other organizations in Japan and abroad. By bringing together a diverse group of members and actively exchanging ideas, we will build new understanding and value.

Since COVID-19 has still spread this year, we were unable to conduct face-to-face activities in FY2021 as in the previous year, but even so we continued to explore opportunities for interaction between research, industry, public agencies, and private organizations, especially among researchers, students, and journalists from Japan and abroad. Last year, as we searched for ways to interact with people in a world where national borders are closed, we were able to establish the connections that are possible using digital technology. There was also on-the-ground sense and knowledge gained from being forced to work in the digital space for a prolonged time.

As face-to-face activities become more and more common from now on, we would like to develop a discussion on AI and society for the inclusion of diverse people, keeping in mind the interactions among people that digital technology has made possible.

May 2022

Kaori Hayashi (Director, B'AI Global Forum)

Project Description

About B'AI Global Forum

o Group of researchers and practitioners for the exploration of criteria and ethics and the pursuit of practical research, aimed at the realization of a truly gender-equal society and the guarantee of rights protection for minorities in the age of AI

o Project established within the "AI and Society" section of the Institute for AI and Beyond, which was jointly launched by the University of Tokyo and Softbank

o The "B" in the name of "B'AI" represents our intention to pay attention to the history of discourse and representation **b**efore AI, various competing interests **b**ehind the development of AI, and the structure **b**eneath AI. In other words, the name of our project shows our goal of conducting a multi-perspective analysis on the history and social structure that produced and enabled modern technologies such as AI.

Steering Team

o Kaori Hayashi, Professor, Interfaculty Initiative in Information Studies, the University of Tokyo (Director)

o Yuko Itatsu, Professor, Interfaculty Initiative in Information Studies, the University of Tokyo (Associate Director)

o Yujin Yaguchi, Professor, Interfaculty Initiative in Information Studies, the University of Tokyo (Executive Manager)

o Takane Ito, Project Professor, Interfaculty Initiative in Information Studies, the University of Tokyo

o Ai Hisano, Associate Professor, Interfaculty Initiative in Information Studies, the University of Tokyo

Bases for Activities

o   Office: BAIROOM (Faculty of Engineering Bldg. 12, Asano Campus of the University of Tokyo)

o   Official Website: https://baiforum.jp/en/ (English)

https://baiforum.jp/ (Japanese)

Research Period

o   Expected duration: 30/7/2020 〜 31/3/2030

(Reporting period: 1/4/2021 〜 31/3/2022)

Project Overview

o   The B'AI Global Forum Project searches for effective ways to realize our social goal of creating a gender-equal society and guaranteeing minority rights in the era where AI permeates every aspect of our lives. Today's world faces serious challenges, with ever-continuing economic gap and discrimination based on race, ethnicity, and gender. In particular, as forms of communication mediated by digital technologies have become increasingly conspicuous in all realms of society, including politics, economy, and culture, especially since the spread of COVID-19 in 2020, the economic gap and discriminations are said to be worsening throughout the world. In order to confront such social challenges, our project questions the fundamental values of modernity that have prioritized the progress of science and technology, and also promotes the intellectual endeavor to understand the formation of the contemporary social institutions and organizational structure. We plan to do this by working in collaboration with researchers, practitioners, journalists, and other citizens to identify current problems and seek and propose solutions so that the latest technology, such as AI, can enrich every human life.
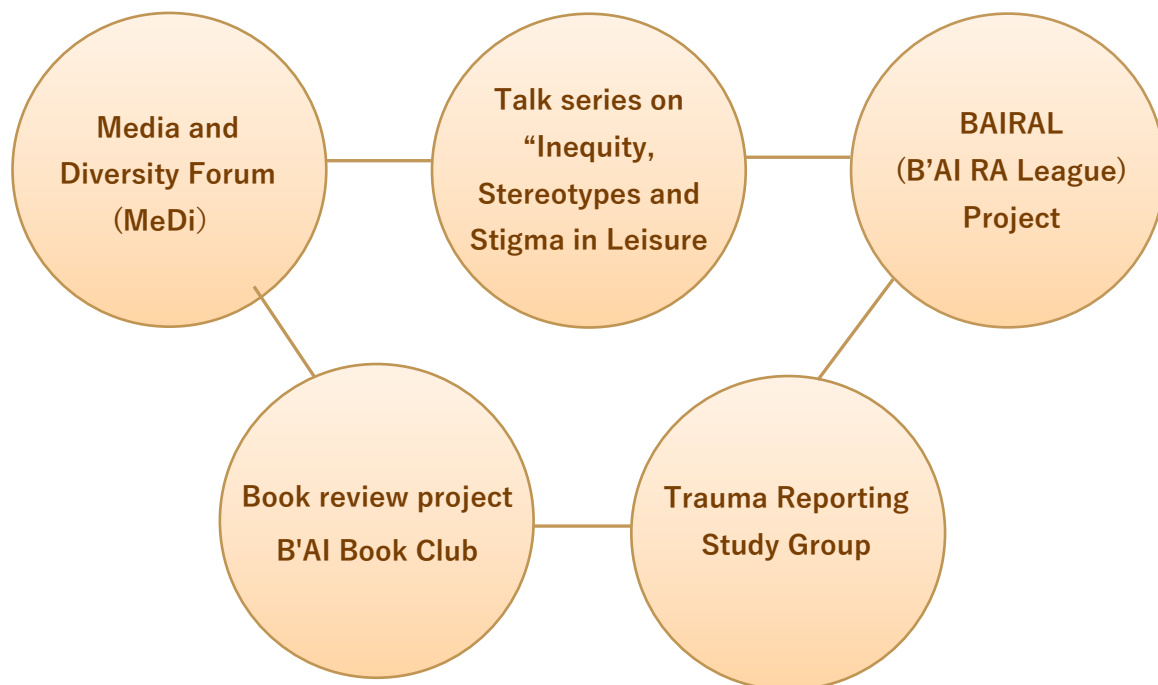
Two Goals

o   Critically and self-reflexively examining the relationship between society and digital information technologies, including AI

o   Realizing fair and just discourse in the public sphere

Four Themes

o   Analyze discrimination and violence against women and minorities by the digital information technologies, including AI

o   Design a diverse and inclusive mediascape by the digital information technologies, including AI

o   Create an interdisciplinary global forum where young researchers, entrepreneurs, practitioners, and other citizens come together to discuss issues related to AI and society

o   Reconceptualize ethics for the digital information age and practice inclusive education based on those ethics

B'AI Global Forum

Projects

Media and Diversity Forum (MeDi)

o   "Media and Diversity Forum (MeDi)" is a discussion forum for researchers and journalists, as well as a network that engages both activism and research. Since media representations are influential enough to create norms for daily life, it has been pointed out that inappropriate representations can become a human rights issue, leading to discrimination, bullying, and harassment in workplaces and schools. MeDi points out these media issues and explores the positive possibilities and future challenges of the digital information society, in collaboration with researchers and practitioners from around the world. (https://www.medi-gender.com)

o   MeDi conducts workshops for reporters, directors, and editors working in the media field, where they discuss issues of gender expression in news coverage of various topics and how to improve them, giving examples of actual cases. In FY2021, the workshop "Considering

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Olympic and Paralympic Games Coverage and Its Gender Representation" was held on 28 August, and the workshop "Considering the House of Representatives Election Coverage and Its Gender Representation" was held on 5 December, bringing together practitioners and researchers to actively share ideas and exchange views on the issues.

Talk Series on "Inequity, Stereotypes, and Stigma in Leisure"

o Artificial intelligence (AI) has already made itself indispensable in leisure and is impacting the ways in which we relate to society and how we find contentment as people. Also embedded in leisure time activities, online or off, are structures of discrimination, stifling of leisure time activities based on stereotypes and stigma. The aim of this project is to investigate and reflect on the ways in which inequity, stereotypes, and stigma have been embedded into leisure culture. We place this as foundational work that will be useful to critique the ways in which AI may quietly perpetuate inequity, stereotypes, and stigma in our leisure pursuits.

o In FY2021, the talk series on "Inequity, Stereotypes and Stigma in Leisure" had two installments in collaboration with the Leisure Studies *Kenkyukai*, and the Association for Leisure and Tourism Studies, as follows:

- The 3rd Installment "Disparities and Bullying in Online Games: E-sports Players Becoming Gladiators" (Lecturer: Hiroko Kanoh, Associate Professor, Yamagata University)

- The 4th Installment "Idols and the Structure of Oppression: Norms and Distortions in Leisure Spaces" (Lecturer: Mana Kamioka, Graduate School of Human Relations, Keio University)

BAIRAL Project

o BAIRAL (B'AI RA League) is a study session by young research assistants (RA) at the B'AI Global Forum. This study group examines the relationships between artificial intelligence (AI) and society from both theoretical and practical aspects. Today, AI has shown many potential

applications in our daily lives, but it has also created new power relations and risks. In order to understand politics, society, and culture in these times, and to weave norms of human dignity and freedom into new technologies, we need to acquire interdisciplinary perspectives. Our aim is to create a network of people who are engaged in research and practices in a variety of fields, in order to discuss the realization of a better society through AI. To this end, BAIRAL organizes monthly research meetings with guest speakers in a variety of fields.

o   In FY2021, eight research meetings were held as follows:

- The 1st BAIRAL research meeting for 2021 "The Development of the Dictionary Enabling Deaf Children to Look up Basic Japanese Verbs from Japanese Sign Language" (Lecturers: Masaru Otsuka, Bilingual Bicultural Education Center for Deaf Children; Akira Morita, Meisei Gakuen; Asuka Ando, Graduate School of Arts and Sciences, University of Tokyo)

- The 2nd BAIRAL research meeting for 2021 "Ethical Issues in the Use of AI" (Lecturer: Hiromi Arai, RIKEN)

- The 3rd BAIRAL research meeting for 2021 "Crowdsourcing GIS and Diversity" (Lecturer: Yuichiro Nishimura, Professor, Graduate School of Humanities and Sciences, Nara Women's University)

- The 4th BAIRAL research meeting for 2021 "From When Are Algorithmic Decisions Assumed as Discriminatory?: A Philosophical Criticism Using Normative Theory" (Lecturer: Haruka Maeda, PhD Student, Graduate School of Interdisciplinary Information Studies, the University of Tokyo)

- The 5th BAIRAL research meeting for 2021 "Information Visualization Technology and Its Application to Web and AI" (Lecturer: Takayuki Itoh, Professor, Ochanomizu University)

- The 6th BAIRAL research meeting for 2021 "Science and the Internet" (Lecturer: Ikkatai Yuko, Associate Professor, Kanazawa University)

- The 7th BAIRAL research meeting for 2021 "Considering the Ethics of AI Characters: Looking at the Case of 'AI Rinna'" (Lecturers: Shota Fukujima, User Experience Designer, rinna Co., Ltd.; Kazuki Senkoji, Marketing Manager, rinna Co., Ltd.)

- The 8th BAIRAL research meeting for 2021 "Thinking about the Potential and Challenges of Data Journalism from the Perspective of the Frontline" (Lecturer: Kazuki Ogiwara, SmartNews Media Research Institute)

B'AI Book Club

o B'AI Book Club is a book review project in which members of the B'AI Global Forum read foreign literature that examines information technology such as artificial intelligence (AI) and algorithms from a critical perspective. Today, as AI permeates every corner of human society, it is being pointed out that technology does not actually work in a neutral and fair manner and that its benefits are not equally distributed to all members of society. In Japan, however, there is little literature that examines such issues. Therefore, the B'AI Global Forum launched the B'AI Book Club as a new project starting in 2021, which is a book review session where we read the literature that has not yet been introduced to Japan, understand overseas research trends, and also discuss issues such as the power behind the development and use of AI, and the problems of masculinity currently inherent in science and technology. The way we read books is not simply to understand the content of the book, but to critically read it while comprehensively considering the author's background, the social context in which the book was written, and the position of the book in the relevant research field.

o In FY2021, nine research meetings were held as follows:

- The 1st B'AI Book Club: Yarden Katz (2020) *Artificial Whiteness: Politics and Ideology in Artificial Intelligence.* New York: Columbia University Press. (Reviewer: Yujin Yaguchi, Professor, Graduate School of Interdisciplinary Information Studies, the University of Tokyo)

- The 2nd B'AI Book Club: Rana el Kaliouby and Carol Colman (2020) *Girl Decoded: A Scientist's Quest to Reclaim Our Humanity by Bringing Emotional Intelligence to Technology.* New York: Currency. (Reviewer: Jooeun Noh, Project Researcher of the B'AI Global Forum)

- The 3rd B'AI Book Club: Kai-Fu Lee (2018) *AI Superpowers: China, Silicon Valley, and the New World Order.* Boston, MA: Houghton Mifflin Harcourt. (Reviewer: Dongwoo Lim, Research Assistant of the B'AI Global Forum)

- The 4th B'AI Book Club: Francesco Marconi (2020) *Newsmakers: Artificial Intelligence and the Future of Journalism.* New York: Columbia University Press. (Reviewer: Akira Tanaka, Research Assistant of the B'AI Global Forum)

- The 5th B'AI Book Club: Meredith Broussard (2018) *Artificial Unintelligence: How Computers Misunderstand the World.* Cambridge, MA: The MIT Press. (Reviewer: Kayoung Kim, Project Researcher of the B'AI Global Forum)

- The 6th B'AI Book Club: Safiya Umoja Noble (2018) *Algorithms of Oppression: How Search Engines Reinforce Racism.* New York: New York University Press. (Reviewer: Hiroki Kato, Research Assistant of the B'AI Global Forum)

- The 7th B'AI Book Club: Jennifer Robertson (2018) *Robo sapiens japanicus: Robots, Gender, Family, and the Japanese Nation.* Oakland, California: University of California Press. (Reviewer: Yuko Itatsu, Professor, Interfaculty Initiative in Information Studies, the University of Tokyo)

- The 8th B'AI Book Club: Kate Crawford (2021) *Atlas of AI: Power, Politics, and the Planetary Costs of Artificial Intelligence.* New Haven, CT: Yale University Press. (Reviewer: Ai Hisano, Associate Professor, Graduate School of Interdisciplinary Information Studies, the University of Tokyo)

- The 9th B'AI Book Club: Karen Lumsden and Emily Harmer (Eds.) (2019) *Online Othering: Exploring Digital Violence and Discrimination on the Web.* Cham, Switzerland: Palgrave Macmillan. (Reviewer: Atsuko Sano, Project Researcher of the B'AI Global Forum)

Trauma Reporting Study Group

o The Trauma Reporting Study Group is a new project launched in FY2021 as part of the effort to create a fair public discourse space. The study group, chaired by Michiko Kawahara, who is a journalist and project professor of the Interfaculty Initiative in Information Studies at the

University of Tokyo, brings together people with experience in reporting and journalism researchers to learn the skill and knowledge necessary to cover and tell the stories of vulnerable people who have suffered physical and mental damage, such as victims of incidents and (sexual) violence, disaster victims, and survivors of war and conflict, and to share issues and explore new ways forward.

o   In FY2021, the Trauma Reporting Study Group held eight reading sessions to read and discuss a book by Jo Healey of BBC, *Trauma Reporting: A Journalist's Guide to Covering Sensitive Stories*.

Educational Activities

Courses

o   The B'AI Global Forum has organized a class "Artificial Intelligence and Society" for students in the junior division in the Summer Semester 2021 of the University of Tokyo. The class, conducted in English, was facilitated by Professors Yuko Itatsu and Yujin Yaguchi of the Graduate School of Interdisciplinary Information Studies at the University of Tokyo and featured guest speakers, such as Project Prof. Yukie Nagai from the International Research Center for Neurointelligence at the University of Tokyo, Ms. Sputniko! who is an associate professor at the Tokyo University of Arts, Ms. Asumi Saito who is a co-founder of Waffle.org. In addition, Prof. Kaori Hayashi, Prof. Yujin Yaguchi, and Associate Prof. Ai Hisano from the B'AI Global Forum gave lectures. The essay collection by nine students who took the class has been published on the B'AI website.

https://baiforum.jp/en/projects/ai-and-society-2021/

o   From 5 July to 6 August 2021, Professor Yujin Yaguchi gave a class on the theme "AI and representation of Japan" in the course "Writing About Japan" of the Global Unit Courses at the University of Tokyo, which 21 students from all over the world, including the University of Tokyo, took.

o   A summer program "Artificial Intelligence and Social Justice" was held for undergraduate students of the University of Tokyo from 18 to 31 August 2021. Professor Yuko Itatsu was in charge of the overall planning and facilitation of the program, and the following three experts from abroad were invited to give lectures as guest speakers. The lectures were open to the public and some of them were later posted on our YouTube channel.

- Ana Beduschi (Associate Professor of Law at the University of Exeter, United Kingdom) "Artificial Intelligence and Digital Technologies at the Border: Migration and Human Rights Considerations"

- Phebe Vayanos (Assistant Professor, University of Southern California; Associate Director, CAIS Center for Artificial Intelligence in Society) "Towards Robust, Interpretable, and Fair Social and Public Health Interventions"

- Ivana Bartoletti (Co-Founder of the Women Leading in AI Network) "Power, Politics, & AI: Building a Better Future"

o From 23 to 29 August 2021, the 2nd China-Japan Youth Elite Program, a joint program between Shanghai Jiao Tong University and the University of Tokyo, was held by Go Global Gateway (GGG) at the University of Tokyo. An academic exchange session on "AI and Society" was established within the program, and Atsuko Sano, a project researcher of the B'AI Global Forum, gave a lecture.

o A joint "Online Winter Program" between Seoul National University and the University of Tokyo was held on 9 February 2022 by Go Global Gateway (GGG) at the University of Tokyo. Within the program, an academic exchange session on "AI and Popular Culture" was established, in which Professor Yuko Itatsu gave a lecture.

Other Educational Activities

o In April 2021, the B'AI Global Forum held a hands-on workshop "Introduction to Data Analysis with R," in collaboration with The Carpentries, which is an international NPO launched in the United States. The workshop was held five times online for graduate students and researchers at the University of Tokyo, and instructors from The Carpentries provided lectures for beginners on the statistical analysis tool R.

o On 28 May 2021, Associate Prof. Ai Hisano gave an online lecture titled "Taste and Vision in History: The Transformation of 'Aesthetics' and the Rise of Consumer Society." After the lecture, Prof. Shunji Yamanaka of the Interfaculty Initiative in Information Studies and the Institute of Industrial Science at the University of Tokyo, who is known as a leading expert in the design field, provided comments. The speakers, Associate Prof. Hisano and Prof. Yamanaka, and the moderator, Prof. Kaori Hayashi, discussed the progress of science and technology and its application to society, as well as its impact on society, taking questions from the audience.

- On 9 June 2021, Prof. Kaori Hayashi and Prof. Shin Mizukoshi gave presentations in the online seminar "AI and Society: New Media Literacy and Politics" hosted by the Institute for Creative & Cultural Entrepreneurship, Goldsmiths, University of London. Prof. Hayashi gave a presentation on "Challenges for a Gender-equal Society in the AI Era" and Prof. Mizukoshi presented "New Literacy for Media Infrastructure and 'Media Biotope.'"

- On 1 October 2021, Prof. Yuko Itatsu was interviewed by the "High Teen Conference" organized by the Department of Children's Education, Nakano-ku, Tokyo. The "High Teen Conference," in which junior and senior high school students living and attending school in Nakano-ku, Tokyo get together to decide on a theme and interview specialists and related organizations on that theme, interviewed Prof. Itatsu on one of the FY2021 themes, "AI." The 2021 High Teen Conference Report has been posted on the Nakano-ku's website.

- On 17 January 2022, the B'AI Global Forum hosted in the fourth public seminar of the "Science Cafe" series by the Institute for AI and Beyond. Dr. Shuang Lu Frost, Assistant Professor at Aarhus University, was invited as guest speaker and Ayumi Koso, Director of the National BioResource Project PR Office at the National Institute of Genetics, was invited as science communicator, while Associate Professor Ai Hisano of the B'AI Global Forum took the stage to discuss "Social Imaginary of AI in East Asia."

- On 16 February 2022, Project Prof. Takane Ito gave a lecture on "Education for Diversity in Universities" at a workshop organized by the Affiliated Schools Faculty Joint Committee of the Faculty of Education and Human Studies of Akita University, which was held online.

Collaborative Research

o   The B'AI Global Forum is conducting the "Four-Country Survey on Awareness of AI Use" in collaboration with Prof. Hiromi Yokoyama's laboratory at the Kavli Institute for the Physics and Mathematics of the Universe at the University of Tokyo. As AI research and development is advancing and being introduced into various decision-making processes, AI

researchers and developers are required to have a sense of equality to ensure that AI does not cause injustice to grow. This research examines how attitudes toward equality regarding gender, disability, sexual orientation, and immigration relate to awareness of AI use among the general public in Japan, the United States, Germany, and Korea. Data have been collected in FY2021, and an interim report was presented by Prof. Yokoyama and Associate Prof. Yuko Ikkatai of Kanazawa University at the 23rd Research Seminar of the Institute for AI and Beyond held on 1 February 2022. The final findings of the research will be presented during FY2022.

Field Trips

The 2nd Artificial Intelligence Exhibition & Conference (Autumn)

o   On 29 October 2021, Atsuko Sano and Kayoung Kim of the B'AI Global Forum visited the 2nd Artificial Intelligence Exhibition & Conference Autumn (AI EXPO) at Makuhari Messe in Japan. It was an opportunity to learn the latest trends in business and research institutions, as well as various examples of AI applications from the AI EXPO.

Dialogue Diversity Museum "Dialogue Forest (*Taiwa no Mori*)"

o   On 30 March 2022, several members of the B'AI Global Forum visited the Dialogue Diversity Museum "Dialogue Forest (*Taiwa no Mori*)," known as the first museum in Japan where

visitors can experience diversity while enjoying entertainment. Participants experienced "Dialogue in the Dark," a journey in the dark guided by a person with visual impairment, and "Dialogue in Silence," a communication experience in a world without sound guided by a deaf person, and listened to a lecture by Mr. Shinsuke Shimura, Founder of Dialogue in the Dark Japan, entitled "Creating Darkness and Silence in the City: Learning from Diversity and Innovation."

Books

o   Kaori Hayashi (2021). "'Diversity' in Media Studies" in Koichi Iwabuchi ed. *Dialogue with Diversity: What Diversity Promotion Makes Invisible* (Seikyusya), 115-123. (林香里（2021）「メディア研究における『ダイバーシティ』の現在」岩渕功一編『多様性との対話　ダイバーシティ推進が見えなくするもの』青弓社、pp.115-123)

o   Arisa Ema (2021). *AI and Society Understood through Pictures and Illustrations: How to Engage with Technology to Open the Future*. Gijutsu-Hyoronsya. (江間有沙（2021）『絵と図でわかる AI と社会―未来をひらく技術とのかかわり方』技術評論社)

o   Tohko Tanaka (2021). *Girl's Media Studies*. Hokuju-Shuppan. (田中東子編（2021）『ガールズ・メディア・スタディーズ』北樹出版)

o   Renge Jibu (2022). *Don't Assume Femininity and Masculinity!*. Chobunsya. (治部れんげ（2022）『きめつけないで！女らしさ男らしさ』全 3 巻（第 1 巻「女の子が意見をはっきり言うなんて !?」、第 2 巻「泣くのは男らしくない !?」、第 3 巻「校長先生はほとんど男の人 !?」）汐文社)

Articles

o   Yuko Itatsu (2021). Intersections of Leisure Studies and Artificial Intelligence: The issues and their potential. *Journal of Leisure and Tourism*, No.8, 43-52. *The Association for Leisure and Tourism Studies Award 2021 (Academic Division, Best Paper Award). (板津木綿子（2021）「レジャー研究と人工知能の交差領域―論点と可能性」『余暇ツーリズム学会誌』第 8 号、pp.43-52。（余暇ツーリズム学会の学会賞（学術部門 論文賞）受賞））

o   Kaori Hayashi, Pablo J. Boczkowski, Neta Kligler-Vilenchik, Eugenia Mitchelstein, Keren Tenenboim-Weinblatt & Mikko Villi (2021) Gendered power relations in the digital age: an analysis of Japanese women's media choice and use within a global context, *Feminist Media Studies*, DOI: 10.1080/14680777.2021.1998183.

o   Yujin Yaguchi (2021). Structure and Discrimination: Considering the Japanese Campus in the Light of Black Lives Matter. *Human Rights Issues Libretto* (Nara Women's University), 43-64.

(矢口祐人（2021）「構造と差別―Black Lives Matter から考える日本のキャンパス」奈良女子大学『人権問題リブレット』pp.43-64)

o   Tohko Tanaka (2021). How to read the complex aspects of feminism?. *Exploring Philosophy*, No. 48 (The Japan Forum for Young Philosophers), 23-40. (田中東子（2021）「フェミニズムの複雑な様相をどのように読み解くのか？」哲学若手研究者フォーラム編『哲学の探求』 第 48 号、pp.23-40。)

o   Tohko Tanaka (2021). Amusement, Humiliation, and Lookism. *Gendai Shiso*, Vol. 49-13 (Seidosya), 107-116. (田中東子（2021）「娯楽と恥辱とルッキズム」『現代思想（特集＝ルッキズムを考える）』vol.49(13)、pp.107-116)

o   Atsuko Sano (2021). Gender Equality Reports and the First Strategy in Germany under Merkel's Regime: Tips on How to Connect the Transition Period to the Design of a New Society. *Rikkyo Journal of Social Design Studies*, No. 19, 15-29. (佐野敦子（2021）「メルケル政権下の男女平等報告書とドイツ初の男女平等戦略―時代の転機を次の社会のデザインにつなげるには―」立教大学大学院 21 世紀社会デザイン研究科『21 世紀社会デザイン研究』No.19、pp.15-29)

o   Atsuko Sano (2021). Imagining a Digitally Transformed Society through the Works of Alain Corbin. *Social Design Review*, Vol. 12, 111-116. (佐野敦子（2021）「デジタル変容が向かう社会を想像して―アラン・コルバンを手がかりに―」社会デザイン学会『Social Design Review』vol.12、pp.111-116)

o   Shin Mizukoshi, Jerry Jacques, Maxime Verbesselt, Keumhee Ahn, Chang Geun Oh, Hyeon-Seon Jeong. Social Networks for the Next Media Literacy. *Journal of Information Studies, Interfaculty Initiative in Information Studies, The University of Tokyo*, No. 101, 1-37.

Presentations

o   Osamu Sakura (2021) "Variety in Human Attitudes Toward Algorithm Bias and Smart Assistants", The 26th AIP Open Seminar: Talks by Science, Technology and Society Team, 26 May 2021.

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- Osamu Sakura et al. (2021) "Interacting Model of Human Mind and AI and Its Application to AI Design," Organized session *AI Social Design with Unexplored Data and Ethical Issues* at the 35th Annual Conference of the Japanese Society for Artificial Intelligence, 8 June 2021. (石川開、水上拓哉、戸田聡一郎、猪口智広、前田春香、福住伸一、佐倉統、伊藤宏比古、津田健一郎、早矢仕晃章、永合由美子、大澤幸生（2021）「人の心と AI の相互作用モデルとその社会実装デザインへの応用」オーガナイズドセッション『未踏データによる AI 社会デザインと倫理的課題』2021 年度人工知能学会全国大会（第 35 回）、2021/6/8）

- Kaori Hayashi (2021) "Challenges for a Gender-Equal Society in the AI Era", Online Seminar "AI and Society: New Media Literacy and Politics" Organized by the Institute for Creative & Cultural Entrepreneurship, Goldsmiths, University of London, 9 June 2021.

- Shin Mizukoshi (2021) "New Literacy for Media Infrastructure and Media Biotope", Online Seminar "AI and Society: New Media Literacy and Politics" Organized by the Institute for Creative & Cultural Entrepreneurship, Goldsmiths, University of London, 9 June 2021.

- Yujin Yaguchi (2021) "Violence and Nonviolence in America," the 29th symposium *Thinking about "Violence" Now* organized by the Graduate School of Arts and Sciences, College of Arts and Sciences, the University of Tokyo, 26 June 2021. (矢口祐人（2021）「暴力と非暴力のアメリカ」第 29 回東京大学大学院総合文化研究科地域文化研究専攻主催公開シンポジウム「いま『暴力』を考える」2021/6/26）

- Yuko Itatsu (2021) "Race and Gender in Japanese Advertisement: Does Japan Have Any Chance in Improving Its Gender Gap?" One Asia Program, University of Eastern Finland, 3 September 2021.

- Kaori Hayashi (2021) Keynote speech "Women and the University of Tokyo: Now, Thinking about an 'Inclusive Campus,'" the 12th Kyushu-Okinawa Island Support for Female Researchers Symposium, 17 September 2021. (林香里（2021）「女性と東大　いま、"インクルーシブなキャンパス"を考える」第 12 回九州・沖縄アイランド女性研究者支援シンポジウム基調講演、2021/9/17）

- Kaori Hayashi (2021) "Toward a Gender-Equal Society in the AI Era: A Distant Goal for Japan?" Symposium at the Deutsches Institute fuer Japanstudien "Governance in the Digital Age" September 30, 2021.

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- o   Yuko Itatsu (2021) "Civic Activities as Serious Leisure: Testimonies from Sexual Minorities," The Association for Leisure and Tourism Studies, 30 October 2021. (板津木綿子（2021）「シリアスレジャーとしての市民活動：LGBT 当事者の証言から」余暇ツーリズム学会、2021/10/30)

- o   Hiroki Kato (2021) "Public Interactions of the Net Right: Sharing of Topics Mediated by Right-wing Websites," The 94th Annual Meeting of the Japan Sociological Society, 13 November 2021. (加藤大樹（2021）「ネット右派の公衆的相互作用―右派ウェブサイトに媒介された話題の共有」第 94 回 日本社会学会大会、2021/11/13)

- o   Yuko Itatsu (2021) Keynote speech "Racism as a Pandemic," JARO Seminar *Beyond Stereotypes: A Discussion on Racial and Cultural Stereotypes*, 17 November 2021. (板津木綿子（2021）「人種差別というパンデミック」（基調講演）日本広告審査機構主催 JARO の会＜表現＞広告表現、ステレオタイプの向こう側へ：「人種的文化的ステレオタイプを考える」2021/11/17)

Other Activities

Dialogue for Further Research

o   On 29 May 2021, Professor Yuko Itatsu exchanged ideas with Japanese women working as computer science engineers in North America and Japan. There were suggestions on science and mathematics education and the working environment for gender minorities in Japan from a comparative perspective between Japan and the US.

o   Aiming to investigate the use of AI for learning by children with physical disabilities, the B'AI Global Forum began preparations to have deaf children use a device (VR headset) to experience virtual reality and conduct a survey on their experience of the device. The purpose of this survey is to examine the impact of hearing impairment on children's learning and the benefits of using virtual reality devices for learning. On 15 July 2021, a meeting was held between Professor Yuko Itatsu and Asuka Ando (Ph.D student at the Graduate School of Arts and Sciences, The University of Tokyo; faculty member at Meisei Gakuen) to discuss this matter.

o   Discussions were held with researchers who plan to launch an international comparative study on "Imaginaries of Artificial Intelligence" in the Department of Communication and Media Research at the University of Zurich.
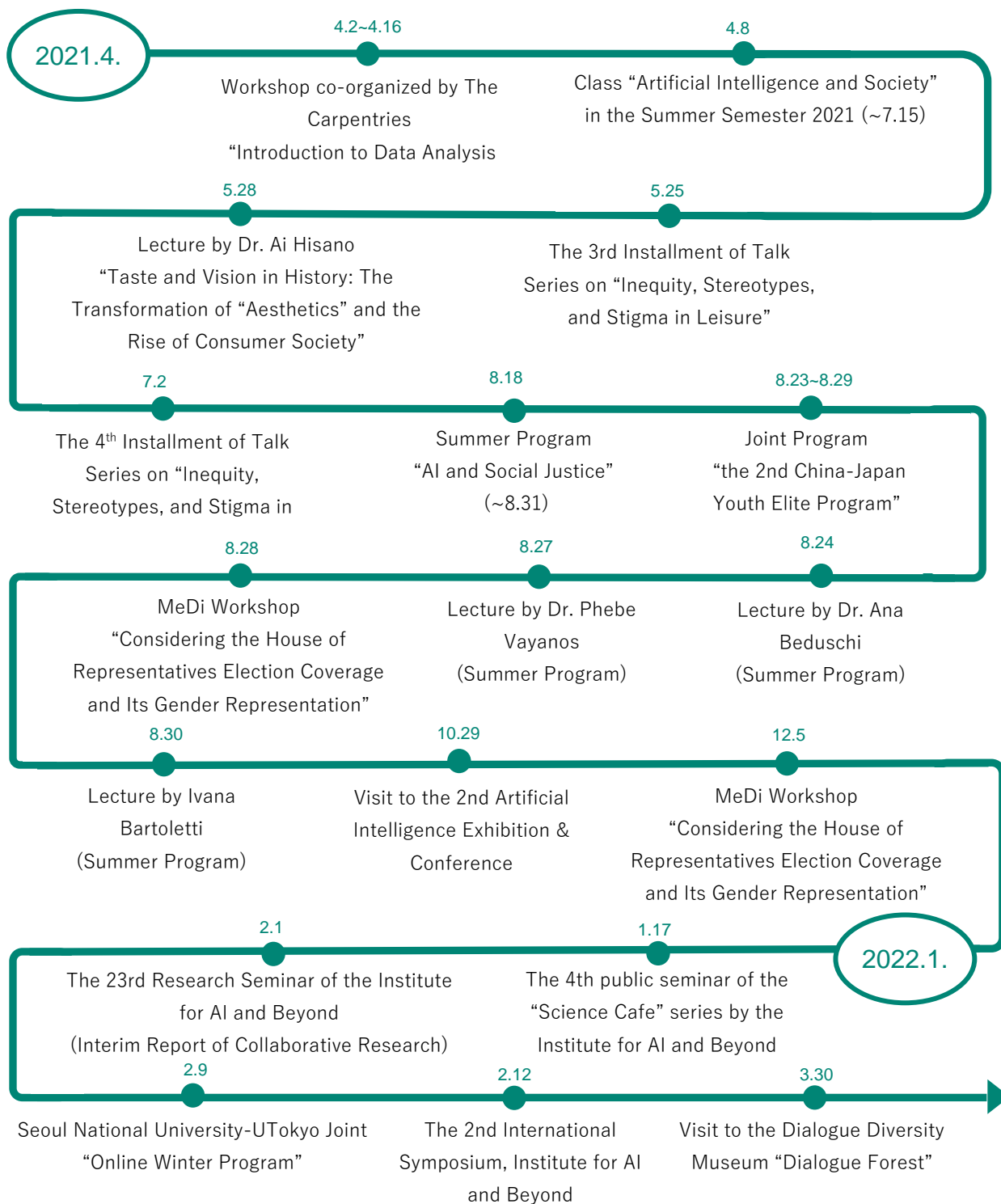
Furnishing a Library Corner

o   The library "BIBRARY (B'AI+Library)" was set up in the BAIROOM, which opened in February 2021 as the activity base for the B'AI Global Forum. BIBRARY has an enriched collection of Japanese and foreign books on AI and gender.

2021 Year Timeline of the B'AI Global Forum

(※BAIRAL, B'AI Book Club, and Trauma Reporting Study Group, which are held at a monthly pace, are not included.)

2021.4.

4.2~4.16
Workshop co-organized by The Carpentries "Introduction to Data Analysis

4.8
Class "Artificial Intelligence and Society" in the Summer Semester 2021 (~7.15)

5.28
Lecture by Dr. Ai Hisano "Taste and Vision in History: The Transformation of "Aesthetics" and the Rise of Consumer Society"

5.25
The 3rd Installment of Talk Series on "Inequity, Stereotypes, and Stigma in Leisure"

7.2
The 4th Installment of Talk Series on "Inequity, Stereotypes, and Stigma in

8.18
Summer Program "AI and Social Justice" (~8.31)

8.23~8.29
Joint Program "the 2nd China-Japan Youth Elite Program"

8.28
MeDi Workshop "Considering the House of Representatives Election Coverage and Its Gender Representation"

8.27
Lecture by Dr. Phebe Vayanos (Summer Program)

8.24
Lecture by Dr. Ana Beduschi (Summer Program)

8.30
Lecture by Ivana Bartoletti (Summer Program)

10.29
Visit to the 2nd Artificial Intelligence Exhibition & Conference

12.5
MeDi Workshop "Considering the House of Representatives Election Coverage and Its Gender Representation"

2022.1.

2.1
The 23rd Research Seminar of the Institute for AI and Beyond (Interim Report of Collaborative Research)

1.17
The 4th public seminar of the "Science Cafe" series by the Institute for AI and Beyond

2.9
Seoul National University-UTokyo Joint "Online Winter Program"

2.12
The 2nd International Symposium, Institute for AI and Beyond

3.30
Visit to the Dialogue Diversity Museum "Dialogue Forest"

B'AI Global Forum

Members of B'AI Global Forum in 2021 (as of January 2022)

Title	Name	Position・Affiliation	Note
Steering team	Kaori Hayashi	Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	Director
	Yuko Itatsu	Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	Associate Director
	Yujin Yaguchi	Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	Executive Manager
	Takane Ito	Project Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	
	Ai Hisano	Associate Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	
Co-investigator	Arisa Ema	Associate Professor, Institute for Future Initiatives, The University of Tokyo	
	Osamu Sakura	Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	
	Shin Mizukoshi	Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	
	Michiko Kawahara	Project Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	Chair of the Trauma Reporting Study Group, Journalist
	Noboru Koshizuka	Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	
	Miles Pennington	Professor, Institute of Industrial Science, The University of Tokyo	
	Akiko Onishi	Associate Professor, Center for Research on Counseling and Support Services, The University of Tokyo	
	Tohko Tanaka	Visiting Professor, Interfaculty Initiative in Information Studies, The University of Tokyo	MeDi*, Professor of Otsuma

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			Women's University
	Hiromi Yokoyama	Professor, Kavli Institute for the Physics and Mathematics of the Universe, Institute for Advanced Study, The University of Tokyo.	
	Naohiro Takanashi	Project Associate Professor, Executive Management Program, The University of Tokyo	
	Tilman Hartwig	Assistant Professor, Institute for Physics of Intelligence, The University of Tokyo	
Project Researcher	Kayoung Kim	Project Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	
	Jooeun Noh	Project Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	
	Atsuko Sano	Project Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	
Researcher	Keiko Kojima	Visiting Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	MeDi, Essayist
	Renge Jibu	Visiting Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	MeDi, Journalist
	Keiko Yamamoto	Visiting Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	MeDi, Senior Manager of Nagoya Station NHK
	Touko Shirakawa	Visiting Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	MeDi, Journalist, Visiting Professor of Showa Women's University
	Misook Lee	Visiting Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	MeDi, Assistant Professor of GLAP at Rikkyo University
	Rong Zhang	Visiting Researcher, Interfaculty Initiative in Information Studies, The University of Tokyo	Reseache of Tongji

			Zhejiang College
Research Collaborator	Keiko Hamada	Editor in Chief, Business Insider Japan	MeDi
	Mari Miura	Professor, Faculty of Law, Sophia University	SAYFT**
	Yukiko Mishina	Associate Professor, University of Electro-Communications	
	Yuko Ikkatai	Associate Professor, School of Regional Development Studies, College of Human and Social Sciences, Kanazawa University	
Research Assistant	Akira Tanaka	Ph.D Student, Graduate School of Interdisciplinary Information Studies, The University of Tokyo	
	Dongwoo Lim	Ph.D Student, Graduate School of Interdisciplinary Information Studies, The University of Tokyo	
	Hiroki Kato	Ph.D Student, Graduate School of Interdisciplinary Information Studies, The University of Tokyo	
Graduate Student Member	Matthew Sueda	MA Student, Graduate School of Interdisciplinary Information Studies, The University of Tokyo	
Administrative Staff	Midori Isoda	Temporary Worker, Interfaculty Initiative in Information Studies, The University of Tokyo	

* Media and Diversity Forum (Initiative for Media's Diversity at the University of Tokyo)

** Safe Campus Youth Network Faculty Team

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