



Brewery Convention of Japan

16-7, Ginza, 1-Chome, Chuo-ku, Tokyo 104-0061 JAPAN

TEL.81-3-3561-8386 FAX.81-3-3561-8380

2022Annual Report of the Board Committee

December 2022

The President of BCOJ

Nakamura, Yuichi

BCOJ Board Members in 2022

President

Nakamura, Yuichi (ASAHI BREWERIWS, LTD.)

Directors

Ishida, Fumito (SAPPORO BREWERIES LTD.)
Nagashima, Kazufumi (Kirin Holdings Company, Limited.) *until March*
Katayama, Takahito (Kirin Holdings Company, Limited.) *from April*
Umezawa, Yusuke (Suntory Spirits Ltd.) *until February*
Maruhashi, Taichi (Suntory Spirits Ltd.) *from march*
Taruoka, Makoto (ORION BREWERIES, LTD.)

Chair of Analytical Committee

Inui, Takako (Suntory Spirits Ltd.)

Chair of Program Committee

Sakaguchi, Junya (SAPPORO BREWERIES LTD.) *until March*
Asada, Kei (SAPPORO BREWERIES LTD.) *from April*

BAJ, official members

Kishino, Hiroyuki
Yoshimoto, Hiroyuki *until September*
Kawanowa, Takashi
Mizutani, Masanori
Kanai, Hideki *from September*

Secretariat

Okada, Keisuke (ASAHI BREWERIWS, LTD.)

The COVID-19 has affected the activities of BCOJ in 2022. Among the pandemic, the International Technical Committee was held 5 times, the Analysis Committee 7 times, and the Program Committee 10 times in order to achieve the objectives of BCOJ activities. Also, in August, we were able to attend the Brewing Summit 2022. This was the first time in three years since 2019 that we could participate in an overseas academic conference.

<The Objectives of the BCOJ>

1. To standardize analytical methods for the evaluation of materials and products adopted in beer brewing and other related industries.
2. To facilitate scientific and technological research through mutual communication among beer brewing industry specialists.

3. To work in collaboration with other foreign and domestic organizations having the same objectives.

1. Science and Technology Exchange with the European Brewery Convention (EBC) and American Society of Brewing Chemists (ASBC)

(1) Participation in EBC Congress

The dispatch of committee members to the 38th EBC Congress was canceled due to the deterioration of the pandemic situation in Europe in April and May before the conference was held. At the 38th EBC Congress, "THE DECLARATION BETWEEN EBC AND BCOJ" was scheduled to be renewed, but due to the cancellation of the participation in the Congress, the update of the declaration has been postponed to 2023 and will be renewed at the EBC Symposium.

(2) Participation in Brewing Summit 2022

After being absent from the 2020 World Brewing Congress and the 2021 ASBC Annual Meeting, which were held online because of the pandemic, we were able to attend Brewing summit 2022. It was the first time in three years to participate on site. In the summit, we discussed with ASBC Board members about post-pandemic management of academic conference.



(3) BCOJ Annual Meeting

The 31st BCOJ Annual Meeting was held on November 10-11, 2022. In view of the impact of COVID-19, BCOJ held the first hybrid event at the Seiryō Kaikan real venue and online distribution. Through presentations at the annual convention, which was attended by a total of 299 people from member of beer companies, related government agencies, companies, etc., we actively exchanged technical reports and opinions, leading to the improvement of technical knowledge related to the development of attractive products, the realization of deliciousness, and quality assurance.



From overseas, we welcomed ASBC President Ms. Kimberly Bacigalupo, her husband Brewer of Sierra Nevada Brewing Co. Mr. Justin Schoenthal and ASBC Asia Liaison Officer Dr. Xing Yin. Ms. Bacigalupo gave her keynote address "Kombucha and Beer – Friends or Foes?" We have received a letter from the EBC Chairman (Mr. Benet Fité Louis).

In addition, Dr. Hirotaka Kaneda, a professor at Kyushu Sangyo University received the BCOJ

Contribution Award this year.

Furthermore, Professor Hiroki Ota from The University of Tokyo gave an invited lecture.

2. Board Meetings

(1) Extraordinary meeting (Jan : Online)

Discussion about BAJ sponsored “alcohol-related joint research”

The Brewers Association of Japan has decided to discontinue its collaborative research on drinking (alcohol intake) and health.

In the future, we will discuss the research contents when issues in the beer industry [improvement of quality of life, relationship between eating habits and drinking (alcohol intake), etc.] are raised and a clear story can be drawn about the purpose, efforts, results, and their effects toward solving them.

(2) 1st Meeting (May : at Fukuoka Brewer of Kirin Beer)

① We decided not to participate in the 38th EBC Congress. Regarding "THE DECLARATION BETWEEN EBC AND BCOJ", which was scheduled to be updated at our society, we determined to postpone the update until 2023. ② Election of the 2022 BCOJ Contribution Award recipient. ③ Planning of BCOJ Annual Meeting

(3) 2nd Meeting (September : at BAJ office)

Confirmation of the detail of BCOJ Annual Meeting

(4) 3rd Meeting (November : at Seiryō Kaikan)

① BCOJ activities and budget for 2022 and 2023 ② Discussions on how to hold the 2023 Annual Conference

(5) 4th Meeting (December : at BAJ office)

① Review 2022 activities. Creating the budget for 2023. ② Planning for 2023 activities.

(By Keisuke Okada)

2022 Annual Report of BCOJ Analysis Committee

December 2022

Chairperson: Takako Inui

Vice-Chairperson: Masahito Muro

The term for the annual activities of BCOJ Analysis Committee in 2022 was from January to December. The committee had seven meetings. The following individuals were the members of the committee.

Chairperson

Takako Inui (Suntory Spirits Ltd.)

Vice-Chairperson

Masahito Muro (Kirin Holdings Company, Limited)

Members

Masayuki Omote (Asahi Breweries, Ltd.)

Kayo Shiraishi (Kirin Holdings Company, Limited)

Wataru Nakamura (Orion Breweries, Ltd.)

Takashi Kamiya (Sapporo Breweries Ltd.) (– Jul. 2022)

Yu Fujita (Sapporo Breweries Ltd.)

Yuto Hata (Suntory Spirits Ltd.)

Hideki Kanai (BAJ, official member) (Sep. 2021–)

Hiroyuki Yoshimoto (BAJ, official member) (– Aug. 2022)

Takashi Kawanowa (BAJ, official member)

Masanori Mizutani (BAJ, official member)

1. The BCOJ Collaborative Work

Regarding the hop aroma component analysis in beer using the SPME-GC / MS method started in 2018, Mr. Kamiya made a presentation at the poster session of Brewing Summit 2022. (Lead manager is Sapporo Breweries Ltd.)

2. Applying Alcolyzer for Alcohol Analysis to RTD

Aiming to register a method for measuring alcohol content other than those prescribed by the National Tax Agency, the application of the Alcolyzer method to spirits and liqueur have been studied since 2019. The application registration with the NTA was completed, and it was posted on the NTA website as the measurement method No. 12 "Measurement of alcohol content by BCOJ

beer analysis method RTD-1 and RTD-2 Alcoalyzer method" in October 2021. Then the results were presented at the poster session of Brewing Summit 2022 by Mr. Muro.

Filter paper filtration or centrifugation operation of smoky or turbid samples is not permitted by this method. The research for this issue has been begun.

3 . The revision of the BCOJ beer analysis method

The CD-ROM version of the beer analysis method is the latest in 2013, and it has not been updated since then. We decided adding 8 BCOJ original analytical methods and revising 75 methods in accordance with the revision of Analytica-EBC and MOA of ASBC. By November, the checking of 8 additional BCOJ original analytical methods, other revisions, and 13 additional methods were completed.

4 . BCOJ Technical Seminar

BCOJ Technical Seminar was held online from 15:30 to 17:00 on October 14, 2022, with more than seventy participants.

Title: Developing new businesses to realize personalized food services using AI related to food preferences

Instructor: Ms. Eriko Sekiya, Consultant

We discussed the contents of the seminar with the instructor in advance. In addition to the basic contents, there were also practical contents related to the joint experiment, so it was very meaningful.

5 . International Activities

(1) EBC Analysis Group conference

The EBC Analysis Committee meeting was held on May 28th and 29th, 2022 in Madrid. Vice chairperson participated and reported on BCOJ activities.

The EBC Analysis Committee meeting was held in a completely online on September 22nd, 2022. Chairperson participated.

(2) ASBC Technical Committee meeting

The meeting was held on August 17th, 2022 in Providence. Chairperson, vice chairperson and two general managers of BAJ participated, and Chairperson Inui reported on BCOJ activities.

(3) EBC Collaborative Work

Four BCOJ member companies participated in the ring analysis of the DNTB analysis method for SO₂ in beer.

6. Information disclosure activities

The 2022 BCOJ Annual Conference was held in a hybrid format on November 10th and 11th with President of ASBC, Kimberly Bacigalupo. The BCOJ Analysis Committee made an annual activity report of the Analysis Committee and made two oral presentations that were presented as posters at the Brewing Summit 2022.

(By Masahito Muro)

December 9th, 2022

2022 Activity Report of BCOJ Program Committee

Committee Chair, Kei Asada

1. members

The Program Committee 2022 consisted of the following members.

Title	Name	Affiliation	Note
Chair	Kei Asada	Sapporo Breweries Ltd.	
	Junya Sakaguchi	Sapporo Breweries Ltd.	Until March
Vice Chair	Satoshi Okada	Kirin Holdings Company, Ltd	
Member	Hiroyuki Abe	Suntory Spirits Ltd.	
	Shuhei Nishimura	Asahi Quality and Innovations, Ltd.	
councilor	Keizo Kusunoki	Asahi Quality and Innovations, Ltd.	Until September
	Hiroyuki Yoshimoto	Brewers Association of Japan	Until September
	Takashi Kawanowa	Brewers Association of Japan	
	Masanori Mizutani	Brewers Association of Japan	
	Hideki Kanai	Brewers Association of Japan	From September

2. Objectives of Program Committee

The Program Committee has planned and managed the BCOJ Annual Meeting in order to "facilitate scientific and technological research through mutual communication among beer brewing industry specialists." and "work in collaboration with other foreign and domestic organizations having the same objectives"

3. Activities

The BCOJ Annual Meeting was held on November 10th and 11th, 2022, for the first time as a hybrid meeting under the influence of COVID-19, in order to ensure both the safety of participants and face-to-face technical exchanges. A total of 299 participants attended the meeting. The meeting had 11 Representations (4 orals, 7 posters) of the EBC Congress and Brewing Summit 2022, a keynote speech by ASBC Chair Ms. Kimberly Bacigalupo, and an invited lecture by Professor Hiroki Ota (Laboratory of Genome Anthropology, Department of Biological Sciences, Graduate School of Science, University of Tokyo). These high-quality contents satisfied participants, making the annual meeting a fruitful one.

4. Program Committee Meetings

- 1st Regular meeting (January 21st, 2022 @Microsoft Teams)
Discussion on the Annual Meeting style and consideration of candidates for invited lecture.
- 2nd Regular meeting (March 29th, 2022 @ Brewers Association of Japan's office)
Discussion on the Annual Meeting style
- 1st Extraordinary meeting (April 15th, 2022 @Microsoft Teams)
Discussion on the ideal form and purpose of the BCOJ Annual Meeting
- 2nd Extraordinary meeting (April 22nd, 2022 @Microsoft Teams)
Discussion on the ideal form and purpose of the BCOJ Annual Meeting
- 3rd Extraordinary meeting (May 11th, 2022: @Microsoft Teams)
Discussion on the ideal form and purpose of the BCOJ Annual Meeting
- 3rd Regular meeting (June 30th, 2022 @Kirin Toride Brewery)
Discussion for the program of the Annual Meeting
- Brewing Summit 2022 (August 13th-16th, 2022 @Providence)
Build relationship with ASBC board members, confirm travel plan of ASBC Chair's visit to Japan, discuss vitalization of BCOJ/ASBC exchanges.
- 4th Extraordinary meeting (August 24th, 2022 @Microsoft Teams)
Discussion on program of the Annual Meeting.
- 4th Regular meeting (October 6th, 2022 @ Seiryō Kaikan and TKP PREMIUM Kyobashi)
Discussion on program of the Annual Meeting, inspection of the new venue, and consideration of the budget for the next fiscal year.
- 5th Extraordinary meeting (October 24th, 2022 @Microsoft Teams)
Consideration of contents of the Annual Meeting.
- The BCOJ Annual Meeting (November 10th and 11th, 2022 @Seiryō Kaikan)
Operation of the Annual Meeting.
- 5th Regular meeting (November 29th, 2022 @Asahi Ibaraki Brewery)
Review of the Annual Meeting, determination of activity policy and schedule for 2023.

(By Kei Asada)