



# ALC '22

14th International Symposium on Atomic Level  
Characterizations for New Materials and Devices '22  
October 16 (Sun) – 21 (Fri), 2022  
Bankoku Shirryokan, Okinawa JAPAN

Due to the unpredictable impact of COVID-19, information on this site may change from time to time, even if it is definitive.

<b>General Info</b>	for Speakers	for Participants	Awards/Supports	Other Info
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<b>News/Dates</b>	About ALC/Venue	Scientific Topics	Invited Speakers	Sponsors/Supports	Committees
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## Latest News

- 2022-05-09: **Abstract submission deadline has been extended to May 31.** Please take this opportunity to submit your abstract.
- 2022-03-01: Finally, it was decided that ALC'22 will be held face-to-face at the Bankoku Shirryokan in Okinawa, Japan.
- 2021-04-19: We are now preparing for postponed symposium (ALC'21→ALC'22). Please wait for a while for concrete information.

## Important Dates

<b>Abstract Deadline:</b>	<b>May 31, 2022</b>
<b>Preliminary Program:</b>	<b>Jul 15, 2022</b>
<b>Early Registration Deadline:</b>	<b>Aug 16, 2022</b>
<b>Hotel Reservation Deadline:</b>	<b>Aug 16, 2022 *</b>
<b>First Day of the Symposium:</b>	<b>Oct 16, 2022</b>
<b>Publication Manuscript (e-JSSNT):</b>	<b>Dec 12, 2022</b>
<b>Publication Manuscript (JVSTB):</b>	<b>Mar 22, 2023</b>

\* Hotel reservations can still be made after the deadline, but rooms may become unavailable.

## COVID-19 Infection Control

For current Covid-19 guidance, please refer to the Japanese Government Consular Services webpage, the Japanese Border Measures from the Ministry of Health webpage. We, the organizing committee, require participants to take all of the following actions:

- Scan your body temperature with a non-contact thermometer and clean your hands with an alcohol-based hand sanitizer provided at Conference Hall entrance.
- Wear face masks that fully cover your nose and mouth in the Conference Hall.
- Maintain social distancing.
- Do not speak while eating and drinking.
- If you develop symptoms of a cold (fever, fatigue, etc.), remain in your hotel room.
- If you become PCR-positive either during the conference, or just after the conference, immediately notify us with an email to [the\\_secretariat](mailto:the_secretariat@alc22.jp).

## Related Links

- Covid-19 related information by Japanese government Consular Services by Ministry of Foreign Affairs of Japan:  
[https://www.mofa.go.jp/p\\_r/ipl/pr/page7e\\_900126.html](https://www.mofa.go.jp/p_r/ipl/pr/page7e_900126.html)
- Japanese Border Measures by Ministry of Health, Labor and Welfare (Japan): <https://www.mhlw.go.jp/stf/covid-19/bordercontrol.html>
- COVID-19 Multilingual portal site of the Okinawa International Exchange & Human Resources Development Foundation:  
<https://kokusai.oihf.or.jp/covid-19/eng/>

Event all rights



Organized by The Division of Microbeam Analysis,  
The Japan Society of Vacuum and Surface Science (JVSS)



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## ALC Symposium

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The series of international symposia entitled "Atomic Level Characterization (ALC)" started in 1996 with the meeting in Kyoto, Japan. The ALC symposia focus on practical applications of atomic level characterization (both atomic dimensions and energy levels) of new materials and devices, including bio- and organic materials as well as inorganics. Descriptions of new applications and instrumentation for various analytical techniques of surface and interface analysis are solicited in these symposia. The goal is to promote stimulating discussions among researchers specializing in different probe methods. The symposium also encourages discussion of fundamental problems to be solved in the further development of atomic level characterization of materials, including approaches based on theory and simulations.

The 2nd ALC symposium was held at Maui (Hawaii) in 1997, the 3rd one at Nara (Japan) in 2001, the 4th at Kauai (Hawaii) in 2003, the 5th Kailua-Kona (Hawaii) in 2005, the 6th at Kanazawa (Japan) in 2007, the 7th at Maui (Hawaii) in 2009, the 8th at Seoul (Korea) in 2011, the 9th at Kona (Hawaii) in 2013, the 10th at Matsue (Japan) in 2015, and 11th at Kauai (Hawaii) in 2017, the 12th at Kyoto (Japan) in 2019.

In 2020, the organizer of this symposium was transferred from Japan Society for Promotion of Science (JSPS) to the Japan Society of Vacuum and Surface Science (JVSS). The first meeting after the change of organizer was originally scheduled to be held in Okinawa as ALC'21, however, because of the COVID-19 pandemic, it was postponed to 2022 as ALC'22. Instead, the 13th ALC'21 was held online as a pre-meeting for ALC'22.

After a year of postponement, the face-to-face ALC'22 will finally be held in Okinawa, Japan.

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## Venue

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### About Okinawa

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Okinawa locates in the southernmost part of Japan, and belongs to the Ryukyu islands which is a chain of isolated islands extend over 1,000 km from south of Kyusyu (one of main islands of Japan) to Taiwan. Historically, the Ryukyu Kingdom first unified Okinawa islands in 1429 and strived to promote cultural exchange through trade with China and Southeast Asia. The first king Shō Hashi built Shuri Castle in Naha, which is the present seat of the Okinawa prefectural government. Unfortunately Shuri Castle was destroyed by a fire in the last year. After the invasion of Satsuma in 1609, Ryukyu became a part of Japan's shogunate system. In 1879, Japanese government established Okinawa prefecture, which was the disruption of the Ryukyu Kingdom. After the World War II, Okinawa placed under American rule, and was reverted to Japan in 1972.

You can find useful information on Okinawa in the following URL.

<https://www.pref.okinawa.jp/site/chijiko/kohokoryu/foreign/english/index.html>

Okinawa has so much to offer including the beautiful sea, natural forests, world heritage sites with long histories, a unique food culture and more. Okinawa belongs to a subtropical climate having a warm climate throughout the year. So let's join us and enjoy the tropical island life at Okinawa in 2021.

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### About Bankoku Shinryokan Okinawa Resort MICE Facility

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Bankoku Shinryokan is located in the center of the main island of Okinawa, about 75km away from Naha International Airport. The best location conditions facing the the East China Sea. It is the Resort MICE venue focused on international exchange in the 21st century and established as the main Convention Center for the 2000 Kyushu-Okinawa G8 Summit and has hosted many MICE.

