

## ORGANIZATION

PSA-13 will be organized by the Surface Analysis Society of Japan and the Korean Vacuum Society with the following responsibilities:

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## IMPORTANT DATES

Abstract submission deadline: **May 31, 2013**  
Early registration deadline: **August 31, 2013**  
Late registration deadline: **October 15, 2013**  
Proceedings submission deadline: **November 14, 2013**

**Note: Deadlines will NOT be postponed.**

## SYMPOSIUM SECRETARY

All inquiries should be addressed to the PSA-13 symposium secretary:

Takaharu Nagatomi (Osaka University, Japan)  
secretary-psa13@sasj.jp



For up-to-date information,  
please visit our Web site:  
<http://www.sasj.jp/PSA/PSA13/>



*First Announcement  
and  
Call for Papers*

# 6th International Symposium on Practical Surface Analysis (PSA-13)

November 10 (Sun) - 15 (Fri), 2013

Okinawa Convention Center  
Okinawa, Japan



*Organized by*



*Surface Analysis Society of Japan*

*&*



*The Korean Vacuum Society*

<http://www.sasj.jp/PSA/PSA13/>

## DATE & VENUE

The international symposium, PSA-13, will be held at the Okinawa Convention Center, Japan, from November 10 (Sun) to 15 (Fri), 2013.

## SCOPE

The scope of this series of international symposia on surface chemical analysis covers the present status and future prospects of surface-analytical techniques in various practical and fundamental fields. Special emphasis is placed on difficulties that have arisen from the application of surface-analytical techniques such as Auger Electron Spectroscopy (AES), X-ray Photoelectron Spectroscopy (XPS), Electron Probe Micro-Analysis (EPMA), Secondary Ion Mass Spectrometry (SIMS), and Scanning Probe Microscope (SPM) for a variety of technological materials. Common needs for these techniques of reference materials, depth profiling, imaging (3D-analysis), beam damage (by electrons, X-rays, and ions), pre-standards activities, and international standards (ISO) are closely connected and will be discussed.

Topical sessions that address important issues arising from the practical applications will also be scheduled. Fundamental researches for the improvement of surface-analytical techniques and the development of recommended methodologies to meet challenges from applications for rapidly evolving nano, bio and energy technologies are also within the scope of the symposium.

## SCIENTIFIC TOPICS

The symposium will cover all topics relating to surface and nano analysis listed below:

1. Standardization and pre-standardization
2. Theory and simulation
3. Data analysis and treatment
4. Novel techniques and instrumentations
5. Applications I  
(semiconductor, ceramic, metal, etc.)
6. Applications II (bio, organic, composite, etc.)
7. Applications III  
(electronic devices, green technology, etc.)

The best poster presenter will be awarded the Powell Prize by voting among all participants.

## LOCATION

Okinawa is the prefecture located in the southwestern-most part of Japan, and is between the Asian continent and the Japanese islands. The Okinawan archipelago consists of 49 inhabited islands and many other uninhabited islands. Okinawa sits at the same latitude as Hawaii, Florida, and the Bahamas, and has a similar subtropical climate. This geographic location makes Okinawa one of the most popular beach resorts. Okinawa is also famous for its beautiful coral reefs, white sandy beaches, white clouds in a blue sky, and crystal clear cobalt-blue and emerald-green seawater.

Okinawa was once an independent nation known as the Ryukyu Kingdom, a small but prosperous nation renowned as a key junction for trade among China, Taiwan, Korea, Southeastern Asia, and Japan. Its close relationship with many countries has formed a unique Okinawan culture that is different from that of the rest of Japan, such as traditional music, arts, food, and distilled liquor. The unique Okinawan culture and tradition are still alive in Okinawan people, and will give visitors a chance to have new experiences.

Eisa (traditional Okinawa dance)  
by OCVB

## ACCESS

Domestic flights from Narita (Tokyo), Kansai (Osaka), and Chubu (Nagoya) International Airports and several other local airports to Okinawa Naha Airport are available. The direct international flights from Seoul, Korea, and several cities in China to Okinawa are also available. It takes 30 minutes to travel from Naha Airport to the downtown of Naha-city by monorail. The Okinawa Convention Center (OCC) is located in Ginowan-city, and detailed transportation information is given on the OCC website ([www.oki-conven.jp/en/](http://www.oki-conven.jp/en/)). A limited number of bus transfers between the LOISIR Hotel Naha and the OCC will be arranged by the PSA-13 committee. Details will be given on the website for PSA-13.

## CLIMATE

The climate of Okinawa in this season is comfortable. The average temperature is around 22 °C, and typically ranges from 15 °C to 30 °C. The weather is usually fine, and visitors will enjoy the beginning of the autumn season of subtropical Okinawa.

## INVITED SPEAKERS

Excellent invited speakers are scheduled to make the PSA-13 more effective in the exchange of information on both the practical and fundamental researches in surface analysis.

## ABSTRACT

One page abstract (A4) in the PDF format should be submitted through the web page of PSA-13. Accepted contributions will be presented in the oral or poster sessions. Further information on abstract submission including the electronic file of the template will be available on the web site.

## PROCEEDINGS

Proceedings, accepted after peer review by appropriate referees, will be published in a special issue of the *Journal of Surface Analysis* ('JSA' at <http://www.sasj.jp/>). Further details will be announced in the second announcement on the web site.

## LANGUAGE

The official language of the symposium is English.

## REGISTRATION FEE

	Regular	Student	Accompanying
Early*	JPY 50,000	JPY 25,000	JPY 15,000
Late**	JPY 60,000	JPY 30,000	JPY 15,000
On-site***	JPY 70,000	JPY 35,000	JPY 20,000

\*before August 31, 2013

\*\*from September 1 to October 15, 2013

\*\*\*payment at conference site without online registration

## ACCOMMODATION

The LOISIR Hotel Naha is recommended. Further information will be announced in the 2nd announcement on the web site.

LOISIR Hotel Naha

## CONFERENCE WEB SITE

<http://www.sasj.jp/PSA/PSA13/>