

## ■ ORGANIZATION

PSA-24 will be organized by the Korean Society of Surface Analysis and the Surface Analysis Society of Japan with the following responsibilities:

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A. Thissen (SPECS Surface Nano Analysis GmbH, Germany)  
S. Tougaard (Univ. Southern Denmark, Denmark)

## ■ IMPORTANT DATES

Abstract submission deadline: Early	May 31, 2024
Registration deadline:	September 13, 2024
Late registration deadline	October 18, 2024
Proceedings submission deadline	November 8, 2024

## ■ SYMPOSIUM SECRETARY

All inquiries should be addressed to the PSA-24 symposium secretaries :

J. M. Yang (NNFC, Korea) [secretary-psa24@surfaceanalysis.kr](mailto:secretary-psa24@surfaceanalysis.kr)  
K. Takahashi (Shimadzu, Japan) [secretary-psa24@sasi.jp](mailto:secretary-psa24@sasi.jp)

For up-to-date information, please visit our Web site:  
<https://surfaceanalysis.kr/PSA/PSA24/>

PSA-24

First Announcement and  
Call for Papers



9<sup>th</sup> International Symposium  
on

**Practical Surface  
Analysis**

**(PSA-24)**

November 17(sun) ~ 22(Fri), 2024  
Paradise Hotel, Pusan, Korea

Organized by

The Korean Society of Surface Analysis  
&  
Surface Analysis Society of Japan

## ■ DATE & VENUE

The international symposium, PSA-24, will be held at the Paradise Hotel Haeundae in Pusan, Korea from November 17 (Sun.) - 22 (Fri.), 2024.

## ■ SCOPE

The PSA series of international symposia on surface chemical analysis covers the current status and future prospects of surface-analytical techniques in various practical and fundamental fields. Special emphasis is placed on challenges that arise during the application of surface-analytical techniques, including Auger Electron Spectroscopy (AES), X-ray Photoelectron Spectroscopy (XPS), Electron Probe Micro-Analysis (EPMA), Secondary Ion Mass Spectrometry (SIMS), and Scanning Probe Microscope (SPM), to a variety of technological materials.

Practical issues encountered in applying these methods such as the need of reference materials, challenges of obtaining accurate depth profiles and three dimensional analysis, beam damage (by electrons, X-rays, and ions) and the importance of pre-standards activities and international standards (ISO) will be discussed.

Topical sessions that address important issues arising during the application of the methods to practical samples will be scheduled. Fundamental research for the improvement of surface-analytical techniques, the development and application of new methods, and the development of methodologies recommended to meet challenges that arise during applications of the methods in the rapidly evolving areas of nano, bio and energy technologies are all within the scope of the symposium.

## ■ SCIENTIFIC TOPICS

The symposium will cover all topics relating to surface and nano analysis including those 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, composite, etc.)
6. Applications II (bio, organic, green technology, etc.)

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

## ■ LOCATION

The beauty of Pusan goes beyond the scenic beaches, stunning skylines, incredible food, diverse natural scenery, world-class infrastructure, historic wonders, and endless shopping.

Visitors who have walked the maze of city streets, hiked the myriad mountain trails, or relaxed on the sandy shores will agree that what sets Pusan apart is that the elements of any great city are all combined here.

The area traces its history back to the second century, when Pusan was known as Geochisan, or "Rough Mountain." A royal decree in the 15th century designated Pusan as the primary trading port with neighboring Japan. It has since grown into the world's fifth busiest port and has emerged as a global hub for travelers and business people from around the world.

Throughout Pusan you will see the charismatic contrast of old and new, whether you are standing beneath the towering skyscrapers of Marine City or beneath the great Buddha statue at Yonggungsa Temple. Whether shopping the ultra-modern Shinsegae Department Store or the historic Jagalchi Market, this blend of history and modernity is a big part of what gives Pusan its charm.

## ■ ACCESS

The direct international flights from several cities in Japan, and several cities in China to Kimhae International Airports are available.

Paradise Hotel (<http://www.Pusanparadisehotel.co.kr/>) is located within a 20-minute walk from Haeundae Subway Station which is directly accessible from Kimhae-Airport in 1 hr by taxi.

## ■ CLIMATE

Pusan is located at the southeastern most tip of the Korean Peninsula, within a mid-latitude temperate zone producing seasonal winds. It has four seasons: spring, summer, fall and winter. The annual average temperature is 14.9°C. The highest mean temperature of around 32°C is experienced at the end of July through mid-August. Fall lasts from early September through late-November. The weather is nice and cool during this time of year because of the continental high atmospheric pressure. Winter starts by the end of November and continues until February, but Pusan rarely receives any snowfall. The average winter temperature is 3.8°C. Tourists can enjoy Pusan throughout all the seasons because of its nice weather and beautiful scenery.

## ■ INVITED SPEAKERS

Excellent invited speakers will be scheduled to facilitate exchange of information on both the practical and fundamental applications of surface analysis

## ■ ABSTRACT

One page abstracts (A4) in PDF format should be submitted through the web page of PSA-24. 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

## ■ PROCEEDINGS

Proceedings, accepted after peer review by appropriate referees, will be published in the Journal of Surface Analysis (JSA) and the Journal of Analytical Science and Technology (JAST). 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*	\$600	\$350	\$200
Late**	\$700	\$400	\$200
On-site***	\$800	\$450	\$250

\*before September 13, 2024

\*\*from September 14 to October 18, 2024

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

## ■ ACCOMMODATION

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

## CONFERENCE WEB SITE

<https://surfaceanalysis.kr/PSA/PSA24/>