

ORGANIZATION

PSA-10 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: **April 30, 2010**
Early registration deadline: **April 30, 2010**
Late registration deadline: **September 15, 2010**
Proceedings submission deadline: **October 3, 2010**

SYMPOSIUM SECRETARY

All inquiries should be addressed to the PSA-10 symposium secretaries:

Dr. Jouhahn Lee
Korea Basic Science Institute, Korea
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Dr. Takaharu Nagatomi
Osaka University, Japan
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To both secretaries
secretary-psa10@sasj.jp



*First Announcement
and
Call for Papers*

5th International Symposium on Practical Surface Analysis and 7th Korea-Japan International Symposium on Surface Analysis

October 3 (Sun) - 6 (Wed), 2010

Hyundai Hotel
Gyeongju, Korea



Organized by

SASJ Surface Analysis Society of Japan
&
KVS The Korean Vacuum Society

For up-to-date information,
please visit our Web site:
<http://www.sasj.jp/PSA/PSA10/>

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SCOPE

The scope of this series of international symposia on the surface chemical analysis covers present status and future prospect of the surface analytical techniques in various practical and fundamental fields. Special emphasis on the actual problems is called, which have been arisen from the application of surface analytical technique 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 the variety of practical materials. The common problems for these techniques of reference materials, the depth profiling (3-D analysis), the beam damage (electrons, X-rays, and ions), pre-standards and international standards (ISO) are closely connected.

Topical sessions which would address important issues arising from the practical applications will also be scheduled. Fundamental researches for the improvements of the surface analytical techniques and development of noble methodologies to meet challenges from rapidly evolving nano and bio technology are also within the scope of this symposium. The education of young researches is also an important aim especially for Korea-Japan symposium that will be held in conjunction with PSA-10.

SCIENTIFIC TOPICS

The subjects will cover all the topics relating to the 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, metal, ceramic, composite, etc.)
6. Applications II
(bio, organic, and energy materials)

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

DATE & VENUE

The international symposium PSA-10 will be held at Hyundai Hotel in Gyeongju, Korea, (http://www.hyundaihotel.com/gyeongju_en/) from October 3 (Sun) to 6 (Wed), 2010.

LOCATION & ACCESS

Gyeongju, an ancient capital city of Shilla Kingdom from BC 57 to AD 935, is located near the south-eastern coast of Korea. Gyeongju is the city of world cultural heritage by UNESCO, preserving many historical monuments including Bulguksa, the most beautiful royal temple built in AD 6C, and Seokgulam Grotto, the most famous 7th centuries artwork known worldwide for the granite statue of Buddha and its mysterious architectural structure. This city, therefore, is called 'Museum without wall'. In addition, Bomun Lake Resort, the venue of PSA-10, is beautifully designed landscaped place with relaxing leisure facilities.

It is located about 350 km south-east of Seoul, and transportation is available from Seoul by air, train or bus. It takes 4 to 6 hours from Incheon international airport to Gyeongju by direct shuttle bus. Alternatively, the direct flight from Seoul to either Ulsan or Pohang airport is also available but the flight number is limited. The detailed transportation is well explained in the web page, http://www.hyundaihotel.com/gyeongju_en/.

CLIMATE

The climate of Gyeongju in this season is most comfortable in Korea. The average temperature is around 11 °C to 15 °C and the weather is usually beautifully bright and sunny in this season. You will enjoy the most beautiful autumn leaves with sky blue in Gyeongju.

LANGUAGE

The official language of the symposium is English.

INVITED SPEAKERS

Excellent invited talks are scheduled to make the PSA-10 International Symposium more effective in the exchange of information, taking into account the importance of both the practical and fundamental researches in surface analysis.

ABSTRACT

One page abstract (A4) without figure should be sent to the secretariat of the symposium. Accepted contributions will be presented in the oral or poster sessions. Further information on the submission of the abstract including the electronic file of the template in the MS Word format 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

REGISTRATION FEE

	Regular	Student	Accompanying
Early*	JPY 35,000	JPY 15,000	JPY 10,000
Late**	JPY 45,000	JPY 20,000	JPY 10,000
On-site***	JPY 60,000	JPY 25,000	JPY 10,000

*before April 30, 2010

**from May 1 to September 15, 2010

***payment at conference site without online registration

ACCOMMODATION

Hyundai Hotel in Gyeongju (conference site, http://www.hyundaihotel.com/gyeongju_en/) is recommended. Further information will be announced in the 2nd announcement on the web site.