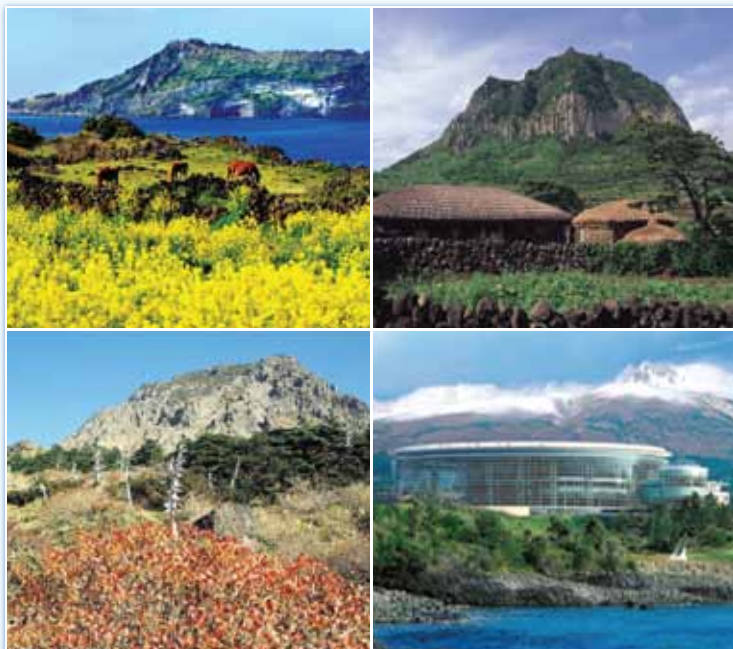




SIMS-19

19th International Conference on Secondary Ion Mass Spectrometry

*Balances between
Dynamic SIMS and Static SIMS
Academia and Industries
Fundamentals and Applications*



29 September ~ 4 October 2013
ICC JEJU, Jeju, Korea

www.sims19.org / www.simsxix.org

Invitation

We are pleased to announce the 19th International Conference on Secondary Ion Mass Spectrometry – SIMS XIX, to be held in the beautiful island of Jeju, Korea from 29th September to 4th October 2013.

The conference will provide a forum for colleagues from both academia and industries throughout the World to exchange results and new ideas on Secondary Ion Mass Spectrometry and Related techniques. The conference will cover advancements of scientific knowledge from fundamentals to applications. Discussion on present possibilities and future developments of the technique, in view of the future requirements coming from technology and basic research, will be particularly solicited also with dedicated discussion sessions.

Contributions are invited, but not limited to the following topics:

<Fundamentals & Instruments>

Fundamentals, Data Processing/Analysis/Interpretation
Ultra High Spatial Resolution SIMS (Nano-SIMS)
Cluster Ions, 3D Imaging, Cs-SIMS, Instrumental Developments

<Applications>

Life Science, Biological Analysis and Biotechnology
Medical Applications, Microelectronics
Depth Profiling/Inorganics, Depth Profiling/Organics
Polymers and Molecular Surfaces/Films
Geology, Geo- and Cosmochemistry, Archeology/Environment/Forensics
Nanomaterials/Nanotechnology Energy Applications, Tribology/Corrosion
Atmospheric Pressure Particle Bombardment (DESI, DICE, ...)
Complementary Techniques and Multi-technique Approaches
(MALDI, MEIS, LEIS, APT, ...)ntal Developments

We would like to emphasize balances between dynamic SIMS and static SIMS, Academia and Industries, and Fundamentals and Applications. The SIMS-19 organizing committee will do the best to accomplish good balances in SIMS activities. We sincerely ask all the SIMS experts, users, and vendors to send their opinions and suggestions through the SIMS-19 homepage opinions & suggestions board on session themes, invited speakers, tutorials, exhibitions, and any issues to make the SIMS-19 enjoyable and productive.

We hope you will give us your greatest support by actively participating in the Conference, and look forward to meeting you in Jeju, Korea.

Conference Chair	Conference Co-Chairs
DaeWon Moon	HeeJae Kang
	Yeonhee Lee

Program at a Glance

	Sep. 29 (Sun)	Sep. 30 (Mon)	Oct. 1 (Tue)	Oct. 2 (Wed)	Oct. 3 (Thu)	Oct. 4 (Fri)		
9:00	Registration	Opening & Plenary Lecture	Invited/Session	Tutoria	Invited/Session	Tutoria	Plenary Lecture	Invited/Session
10:00								
11:00		Invited/Session	Invited/Session	Business Meeting	Invited/Session	Coffee Break	Session	
12:00		Lunch	Lunch		Lunch	Panel Discussion		Closing
13:00				Invited/Session		Tutoria	Invited/Session	Tutoria
14:00		Coffee Break	Coffee Break		Coffee Break			
15:00		Invited/Session	Invited/Session	Award	Social Dinner	Poster Session	Invited/Session	
16:00								Coffee Break
17:00		Welcome Reception	Poster Session	Social Dinner	Poster Session	Invited/Session		
18:00							Invited/Session	Invited/Session
19:00	Welcome Reception	Poster Session	Social Dinner	Poster Session	Invited/Session			
20:00						Invited/Session	Invited/Session	Invited/Session

Organization

International Committee

Nick Winograd (Chair)	North America	Pennsylvania State Universtiy	USA
Amy Walker (Secretary-elect)	North America	University of Texas	USA
Dave Castner	North America	University of Washington	USA
Yeonhee Lee	Asia Pacific	Korean Institute of Science & Technology	Korea
Masahiro Kudo	Asia Pacific	Seikei Univeresity	Japan
Yong Chien Ling	Asia Pacific	National Tsing Hua University	Taiwan
Ian Gilmore (Chair-elect)	Europe	NPL	UK
Laurent Houssieau	Europe	University of Namur	Belgium
Wilfried Vandervorst	Europe	IMEC	Belgium
DaeWon Moon	<i>Ex Officio</i> member	KRISS	Korea
Antonino Licciardello	<i>Ex Officio</i> member	University of Catania	Italy

Organization

Local Committee

DaeWon Moon	Korea Research Institue of Standards and Science
HeeJae Kang	Chungbuk National University
Kyung Joong Kim	Korea Research Institue of Standards and Science
Jong Geol Kim	LG Chem
Hisayoshi Yurimoto	Hokkaido University (Japan)
Ho Joung Kim	SK Hynix
Keewook Yi	Korea Basic Science Institute
Yeonhee Lee	Korean Institute of Science & Technology
JaeCheol Lee	Samsung Advanced Institute of Technology
Tae Geol Lee	Korea Research Institue of Standards and Science
Tae Eun Hong	Korea Basic Science Institute
Yong Chien Ling	National Tsing Hua University (Taiwan)

International Scientific Committee

DaeWon Moon (Chair)	KRISS	Korea
HeeJae Kang (Co-Chair)	Chungbuk National University	Korea
Yeonhee lee (Co-Chair)	KIST	Korea
Alain Brunelle	Institut de Chimie des Substances Naturelles CNRS, Gif-sur-Yvette	France
Andreas Wucher	University of Duisburg-Essen	Germany
Andrew Wee	National University of Singapore	Singapore
Antonino Licciardello	University of Catania	Italy
Arnaud Delcorte	Université catholique de Louvain, Louvain-la-Neuve	Belgium
Birgit Hagenhoff	Tascon GMBH, Muenster	Germany
Chris Grovenor	University of Oxford	UK
Christine Mahoney	PNNL	USA
David Castner	University of Washington, Seattle	USA
David McPhail	Imperial College London	UK
Dunyi Liu	China Academy of Geological Sciences	China
Enrico Napolitani	MATIS IMM-CNR	Italy
Fred Stevie	North Carolina State University, Raleigh	USA
Greg Gilen	NIST	USA
Herbert Urbassek	University of Kaiserslautern	Germany
Hisayoshi Yurimoto	Hokkaido University	Japan
Ian S. Gilmore	National Physical Laboratory	UK
Jiro Matsuo	Kyoto University	Japan
Joseph A. Gardella	University Buffalo	USA
Liang Zhen Cha	Tsinghua University, Beijing	China
Mariano Anderle	Autonomous Province of Trento	Italy
Matthew Wagner	The Procter and Gamble Company, Cincinnati	USA
Mitsuhiro Tomita	Toshiba Corporation	Japan
Ron M.A. Heeren	FOM	Netherlands
Patrick Bertrand	Unversite Catholique de Louvain	Belgium
Peter Sjoval	SP Technical Research Institute of Sweden	Sweden
Peter Williams	Arizona State University	USA
Satoka Aoyagi	Shimane University	Japan
Teiichiro Kono	Asahi Kasei Corporation	Japan
Tom Wirtz	Centre de Recherche Public-Gabriel Lippmann, Belvaux	Luxemburg
Wilfried Vandervorst	IMEC, Leuven	Belgium
Yong Chien Ling	National Tsing Hua University	Taiwan

Jeju Island

Jeju has a mild oceanic climate throughout the year with the smallest annual temperature range in the country. The island is the largest island in South Korea, came into existence 700 to 1,200 thousand years ago when lava spewed from a sub-sea volcano and surfaced above the waters. Then 100 to 300 thousand years ago, another volcanic eruption formed Mt. Halla. The final volcanic eruption that took place approximately 25 thousand years ago created the Crater Lake, Baekrok-dam, at the summit of the mountain. Relatively isolated from the rest of the world, the island's nature has been well preserved in its prehistoric state. That is why traveling to Jeju is to travel back in time. Jeju's natural environment has been preserved as best as possible. The fantastically shaped rocks decorating the seashores, the hundreds of Oreums (secondary volcanoes) and the rarest species of flora around the Baekrok-dam lake are all treasures waiting to be discovered by visitors. One cannot see Jeju unless one looks. It is like seeing only trees before entering a forest.

Characteristics of Jeju

1. UNESCO TRIPLE CROWN in Natural Sciences

2002: Biosphere Reserve

2009: World Natural Heritage

2010: Global Geopark

: First place in the world to obtain UNESCO designations in all 3 natural sciences

2. New 7 Wonders of Nature

Jeju has all of these following things (island•volcano•waterfalls•beaches•national park•caves•forests).

Jeju Island in Korea, Halong Bay in Vietnam, Puert Princesa Underground River in the Philippines, Amazon in Brazil, Iguazu Falls in Argentina, Komodo National Park in Indonesia and Table Mountain in South Africa

3. Jeju Free International City

The South Korean Government designated Jeju a "free international city" in April 2002 to develop it into an international Tourism destination and resort.

-Tourism / Education / Medical / High-tech

4. Jeju on TV and in Movies

'All in,' 'Dae Jang Geum,' 'Swin,' And 'A Love Story' have been Filled in Jeju.

Venue_ICC JEJU

ICC JEJU provides an idyllic for our conventions. ICC JEJU is located within the Jungmun Tourist Complex, with the cobalt-blue Northern Pacific stretching to the south and towering Mt. Hallasan commanding the north. Spreading over an area of more than 5,000m², the world-class convention center occupies 7 stories aboveground.

Artfully merging the blessed tourist resources around it with the functionality of a convention facility, this resort-style convention center is fully equipped for international meetings of any scale, and provides professional-grade logistic support for event-hosting. Bring recreation and leisure to your convention host with ICC JEJU, the world's top resort-style convention center.

Important Dates

Title	Start Date	End Date
Abstract Submission	1 May 2013	1 Jun 2013
Acceptance Notification		30 Jun 2013
Early Registration		15 Jul 2013
Late Registration	16 Jul 2013	15 Sep 2013
On-site Reaistration	29 Sep 2013	4 Oct 2013
Conference	29 Sep 2013	4 Oct 2013

For Further Information

Detailed information on SIMS-19 will be given later on the conference website (www.simsxix.org). If you wish to receive the detailed information by e-mail, please contact SIMS-19 Secretariat.

SIMS-19 Secretariat : CMS

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