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, …)
- Instrumental 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.
### Program at a Glance

<table>
<thead>
<tr>
<th>Sep. 29 (Sun)</th>
<th>Sep. 30 (Mon)</th>
<th>Oct. 1 (Tue)</th>
<th>Oct. 2 (Wed)</th>
<th>Oct. 3 (Thu)</th>
<th>Oct. 4 (Fri)</th>
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### Organization

#### International Committee

- **Nick Winograd** (Chair) | North America | Pennsylvania State University | USA
- **Amy Walker** (Secretary-elect) | North America | University of Texas | USA
- **Dave Castner** | North America | University of Washington | USA
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- **Yong Chien Ling** | Asia Pacific | National Tsing Hua University | Taiwan
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- **Willy Fandervorst** | Europe | IMEC | Belgium
- **DaeWon Moon** | Ex Officio member | KRISS | Korea
- **Antonino Licciardello** | Ex Officio member | University of Catania | Italy

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- **Yeonghee Lee** | Korean Institute of Science & Technology | Korea
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- **Tae Geol Lee** | Korea Research Institute of Standards and Science | Korea
- **Tae Eun Hong** | Korea Basic Science Institute | Korea
- **Yong Chien Ling** | National Tsing Hua University (Taiwan) | Taiwan

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- **Mitsuhito Tomita** | Toshiba Corporation | Japan
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- **Patrick Bertrand** | Université Catholique de Louvain | Belgium
- **Peter Sjovall** | Swedish Research Institute of Sweden | Sweden
- **Peter William** | Arizona State University | USA
- **Satoru Aoyagi** | Shimane University | Japan
- **Tae Eun Hong** | Asahi Kasei Corporation | Japan
- **Tom Wirtz** | Centre de Recherche Public-Gabriel Lippmann, Belvaux | Luxembourg
- **Willy Fandervorst** | 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.

ICCC 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 5,000 ㎡, 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.

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 Moives**
   ‘All in,’‘Dae Jang Geum,’‘Swin,’ And ‘A Love Story’ have been Filled in Jeju.

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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.

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