

## Foreword

The first ISPS started in Sorrento, September 2000, to celebrate the initiation of ISS experiments and announce the release of the 1st IAO (International Announcement of Opportunity) in the field of physical sciences on the ISS, and followed by subsequent four meetings in Toronto (2004), Nara (2007), Bonn (2011), and Orlando (2013).

In 1990s, I remember the former ESA symposium on the same subject was quite famous and successfully led the international microgravity community. Therefore, I was so confused at the moment to hear the end of the ESA symposium. However, we received a clear message that the ISS opens the new stage of microgravity programs and our dream become true very soon.

After 15 years from Sorrento, we could hold the joint conference of 6th ISPS and 10th ITTW in Kyoto, under the number of contributed paper 269. We are proud to say that we have achieved the first objectives discussed through the years after the start of ISS operation, and we would like to say many thanks to everybody who participated in the ISS program, against the many difficulties of international collaboration.

In addition to the progress of microgravity research, the astronauts working in ISS are now changing our mind of living in the Spaceship Earth. Japanese astronaut Satoshi Furukawa reported interesting phenomena from ISS, such as aurora, shooting star, sprite, and impressed us the miracles occurred in the Low Earth Orbit. We could share the new feeling of Living Earth by High-Vision video, and named the space environment as the Cosmic Shore.

Nevertheless, our ISS program is now exposed to criticism from the public. Its continuation through 2024 is quite ambiguous now. But I can encourage you. There is energy of Kyoto. You are surely encouraged by the energy of unifying traditional things and revolutions in the world.

We hope you to confirm our friendship and ties again, through this symposium, and discuss the encouraging ideas of the next stage of ISS program.

Lastly we, organizing committee, sincerely appreciate the sponsors and all participants.

Masamichi Ishikawa,  
President of JASMA

### Statistics

- 1) The number of paper contribution: Total 269  
Oral (193): Plenary 17, ISPS-6 143, ITTW 33. Poster (71): General 29, Student 42.
- 2) The number of Country: Total 20  
Japan 148, China 23, USA 22, Germany 19, Belgium 13, France 11, The Netherland 8, Russia 5, Italy 4, Austria 3, Korea 3, Canada 2, Algeria 1, Denmark 1, Greece 1, Ireland 1, Malaysia 1, Mexico 1, Puerto Rico 1, United Kingdom 1.

