Special Issue

- Papers from JAST Tribology Conference, Saga, September 2007

The Japanese Society of Tribologists organizes domestic Tribology Conferences named “JAST Tribology Conference” in spring and autumn every year. The last one was held at Saga University in September 2007.

“JAST Tribology Conference, Saga, September 2007” covered a range of tribology researches with the following aspects:

Contact mechanics, Friction, Wear, Tribomaterials, Coatings, Surface modifications, Manufacturing processes, Bearings, Gears, Seals, Hydrodynamic lubrication, Elastohydrodynamic lubrication, Boundary lubrication, Lubricating oil, Grease, Solid lubricants, Additives, Micro-, Nano- and Molecular tribology, Molecular simulations, Automobiles, Railways, Aerospace, Hard disk drives, Heavy machinery, Manufacturing equipment, Maintenance, and Biotribology.

A total of 186 presentations were made with seven parallel sessions.

At every Tribology Conference, JAST publishes a bound volume of proceedings, which includes extended abstracts of all the papers presented. However, the pages are limited to two pages for each paper and most of them are written in Japanese. In order to distribute their high-quality research works worldwide, JAST has decided to invite the authors to write their works in English to submit to *Tribology Online*.

The papers thus submitted to the *Tribology Online* have subsequently undergone the normal peer review process by multiple reviewers. In this special issue, twenty five papers selected from high-quality works in various areas are published.

On behalf of the Editorial Committee, I, Editor-in-Chief, acknowledge the authors' efforts to submit their papers to this International Journal. In addition, I would like to express my sincere thanks to the Associate Editors, the Reviewers, and the Publication Coordinators for their effort to complete the peer-review processes and the publication work under the tight schedule.

Editor-in-Chief
Masabumi Masuko