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Professor Jost greets participants of the World Tribology Congress WTC IV, Kyoto, Japan, September 6–11, 2009.

Dear publishers, authors, and readers
of the “Journal of Friction and Wear”!

Tribologists throughout the world observe the 45th anniversary of birth of the term “tribology”. In 1966 the Working Group on Problems in Friction, Lubrication, and Wear set up by the British Government proposed the following definition of tribology: “Tribology is the science and technology of interacting surfaces in relative motion and of related subjects and practices”.

Since earliest times, people encountered problems of friction, wear, and lubrication. Formation of tribology as a scientific discipline was primarily stimulated by heavy financial losses in industry due to increase in failures of plant and machinery. Nowadays it is an interdisciplinary domain of technical knowledge that evolves together with the world science and engineering. Applications of tribology have gone far beyond the scope of industry: such areas of tribology as micro- and nanotribology, biotribology, transport tribology and others have assumed a great social significance. At present people can not live without using the achievements of tribology.

During recent years, “green tribology” has become playing a particular role in the life of society. All countries encounter acute problems of energy saving, climate fluctuations, pollution of biosphere, etc. They

can be solved by applying only the complex of chief achievements in various sciences, among which tribology occupies one of the leading positions. Reduction of friction losses, hence, energy saving, decreasing the wear of machines and mechanisms leading to material saving, and the use of biodegradable lubricants are amongst a variety of opportunities of tribology to improve the life quality.

Tribologists become and more into the community.

International cooperation in tribology is a very important factor of its progress. Periodicals play a vital role in evolution of tribology; the “Journal of Friction and Wear” having the circulation close to thousand subscriptions in Russian and English represents one of them.

On the occasion of the date remarkable for tribologists throughout the world I would like to wish them novel scientific ideas, creativity, and prosperity.

Prof. H. Peter Jost
President of the International
Tribology Council

FROM THE EDITORIAL BOARD

Peter Jost is an internationally renowned industrialist recognised worldwide for his outstanding achievements and contributions to the development of tribology. A legend in the field of solid lubrication and lubricants, he is credited as the conceptual founding father of tribology—a name for which he is responsible. A talented scholar while studying in Liverpool and Manchester, he made a rapid progression as an industrialist upon completion of his studies. At the age of 29 he was appointed general manager and then director of an international lubricants firm in London. He has been active in professional bodies and has been a highly influential figure on many government committees in the UK dealing with science and technology applications to industry. Peter Jost was chairman of several industrial technology companies. He has received honours from the Heads of State of several European countries and professional awards from 13 countries. He holds two honorary professorships and nine honorary doctorates.