

THE SURFACE SCIENCE SOCIETY OF JAPAN

FORMATION AND INFORMATION

During the last few decades, there have been increasing progress and rapid growth of research in surface and interface science. Formation of an organization in these fields has been of interest among scientists and engineers in this country, and has led to the establishment of the new society in Japan. The Surface Science Society of Japan was organized in 1979, and an inaugural meeting of the Society was held in September 13th, 1979. Membership is open to any person who is interested in these fields.

Areas of interest include:

Science of surfaces and interfaces in general. Fundamentals in theory, experiment, and technological applications. Clean surfaces and surface contamination.

Particle solid surface interaction, atomic and molecular processes on surfaces and interfaces, physisorption, chemisorption, catalysis, oxidation, corrosion, diffusion and chemical reactions at surfaces and interfaces.

Theoretical and experimental methods and results obtained for surface and interface structures, imperfections and defects in lattices, and reconstruction mechanisms by photon and electron spectroscopies. A variety of analytical and, particularly, newly developed spectroscopic methods.

Physics and chemistry of surface and interface phenomena in colloid chemistry and fine particles, electronic and atomistic structures of fine particles, activities for gases and liquids.

Surface mechanics containing interdiffusion, lubrication, wear and metal embrittlement phenomena in so-called tribo-physics and chemistry. Contact between solids and friction on surfaces and thin layers. Coatings and passivation of surfaces.

Thin film phenomena. Nucleation and growth of thin films, doping and implantation in thin films, application of thin film phenomena to electronics, microelectronics and other electronic devices.

Surface and interface electronics. Solid state electronic devices.

Electron, ion, and neutron impact at wall surfaces in space science and nuclear fusion systems.

Surface and interface phenomena in membranes in biological substances.

Members of the Surface Science Society of Japan receive the official publication of the society, "HYOMEN KAGAKU", the Journal of the Surface Science Society of Japan written in Japanese or English. The Journal will be published in two volumes in 1980, and quarterly in 1981. The number of issued Journals will be increased year by year. Contributions of papers to this Journal are welcome from overseas scientists as well as from domestic ones.

One of the most important objects of the Society is to promote international understanding and co-operation among surface and interface scientists in the world as well as among domestic scientists. The Society seeks to achieve these objectives by sponsoring international conferences and symposia in these fields, as well as by holding scientific meetings, summer seminars, and work shops in this country.

The number of members in the Society is counted at over 1,300 on June, 1980, and is still increasing. The participation of foreign members in the Society is most welcome. The annual fee is \$ 20.00 (U.S.A.) for 1981. The fee normally covers the calendar year, but if paid after October 1st would cover the period until the end of the following year.

Activities of the Society have just begun with the hope that they will develop via the kind co-operation of surface scientists throughout the world. New co-operation for a new age!

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Prof. Ryuzo Ueda
President of the Society
and
Editor-in-Chief

OFFICE OF THE SOCIETY

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