

THE SECOND MINSK INTERNATIONAL HEAT AND MASS TRANSFER FORUM MIF-92

The second Minsk International Heat and Mass Transfer Forum (MIF-92) took place in Minsk (A. V. Luikov Heat and Mass Transfer Institute, the Academy of Sciences of Belarus) on May 18-22, 1992. The forum was held under the aegis of the Academy of Sciences of Belarus, Lithuanian Academy of Sciences, Russian Academy of Sciences, Academy of Sciences of the Ukraine, and the National Committee of Heat and Mass Transfer.

As in previous years, the forum evoked great interest from scientists and specialists working in this field of science. Among 1324 reports suggested, 866 were inserted into the program of the forum, including 66 problem reports divided into eleven sections.

A total of 624 participants took part in the work of MIF-92. As previously, many scientists from the USA, Japan, Great Britain, France, Germany and other countries expressed great interest in the forum.

The plenary reports were made by well-known scientists: Academician of the Russian Academy of Sciences M. A. Styrikovich (Moscow), "Problems of heat and mass transfer when applied to developing a fuel-power complex," Professor J. P. Hartnett (USA) and Academician of the Academy of Sciences of Belarus O. G. Martynenko (Minsk), "International scientific cooperation in the field of heat and mass transfer," Corresponding Member of the Russian Academy of Sciences A. I. Leontiev (Moscow), "Fundamental studies in heat and mass transfer theory," Academician of the Russian Academy of Sciences A. A. Samarsky and Professor V. F. Tishin (Moscow), "Adaptive difference methods of solving heat and mass transfer problems," Academician of the Lithuanian Academy of Sciences A. A. Zhukauskas (Vilnius), "Convective heat transfer enhancement," Corresponding Member of the Academy of Sciences of Belarus B. A. Kolovandin (Minsk), "Modeling of homogeneous turbulence," Professor S. A. Kovalev and S. L. Soloviev (Moscow) "Stability of the temperature regime of surfaces cooled by a boiling liquid."

During the work of the forum, Round Tables on the most urgent problems of heat and mass transfer were held: "Heat Transfer in Electronic Devices," "Heat/Mass Transfer and Ecology," "Heat and Mass Transfer in a Space Environment."

Great attention was paid by the MIF-92 participants to the exhibition of software systems functioning within the framework of the forum: "Heat and Mass Transfer - Thermal Strength - Ecology."

Before the forum opening, 10 sections of collected papers were published which comprised 520 reports and communications. In accordance with the resolution of the Organizing Committee, it was decided to publish the problem and plenary reports in the "Journal of Engineering Physics and Thermophysics," starting with the present issue.