PREFACE: 65TH ANNIVERSARY OF KUTATELADZE INSTITUTE OF THERMOPHYSICS

The present issue of *Interfacial Phenomena and Heat Transfer* is dedicated to the 65th anniversary of the Kutateladze Institute of Thermophysics of the Siberian Branch of the Russian Academy of Sciences—one of the leading scientific centers on heat transfer and fluid dynamics. Fundamental research conducted at the Institute covers heat and mass transfer in single-phase and dispersed systems, in systems with phase transformations, problems of hydrodynamic stability and turbulence, vortex flows, transfer processes and waves in flowing liquid films, wave dynamics of multiphase systems, dynamics of rarefied gases, and thermophysical properties of substances.

The specific feature of thermophysics as a scientific discipline is that many fundamental studies have direct access to practical applications; therefore, the Institute pays special attention to innovative and applied activities, above all, in the field of energy. Modern energy-efficient and energy-saving technologies and devices are being developed, such as heat pumps and refrigerating machines, fuel cells and new solutions for hydrogen technologies, new materials, plasma torches and plasma chemical technologies, new coal technologies and safety codes for nuclear power plants, energy-saving coatings and superconducting films, waste recycling methods, heat meters and regulators, energy-saving light sources, measuring electronic and optical equipment, cryogenic air separation technologies, and medical technologies.

According to the scope of the journal, this issue presents the works of scientists of the Institute of Thermophysics and our colleagues, highlighting the results of modern studies of multiscale phenomena in the problems of thermophysics, hydromechanics, colloidal and surface chemistry, nanotechnology, and interfacial phenomena.

The journal *Interfacial Phenomena and Heat Transfer* has well-deserved popularity among authors and an impeccable scientific reputation. We hope that the articles of the anniversary issue will be of interest to the readers of the journal, encourage the authors and readers to engage in productive discussions on the research areas represented in the issue, and strengthen the professional ties of specialists who are passionate about solving the most important scientific problems.

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