

TO THE READERS

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We offer you a special issue of *TsAGI Science Journal*. This issue consists of the papers based on reports from the third Open All-Russian Scientific and Practical Conference on Computational Experiment in Aeroacoustics. This conference took place on the coast of the Baltic Sea in Svetlogorsk, Kaliningrad Region (September 20–25, 2010). The conference was organized by the Institute of Mathematical Modeling of the Russian Academy of Sciences (Moscow) and the Immanuel Kant State University of Russia (now called the Immanuel Kant Baltic Federal University). Traditionally, the conference has been supported by the Central Aerohydrodynamic Institute (TsAGI).

The main goal of the Computational Experiment in Aeroacoustics Conference was to discuss modern approaches to numerical modeling of aerodynamic noise and the possibilities of their application in solving urgent applied problems in aeroacoustics. The papers presented in this issue of *TsAGI Science Journal* cover the main topics of the conference (i.e., computational aeroacoustics, application of the methods of numerical modeling in solving applied problems of aeroacoustics, methods of processing and visualization of physical and numerical experiments, methods of estimation of flow acoustical characteristics, etc.).