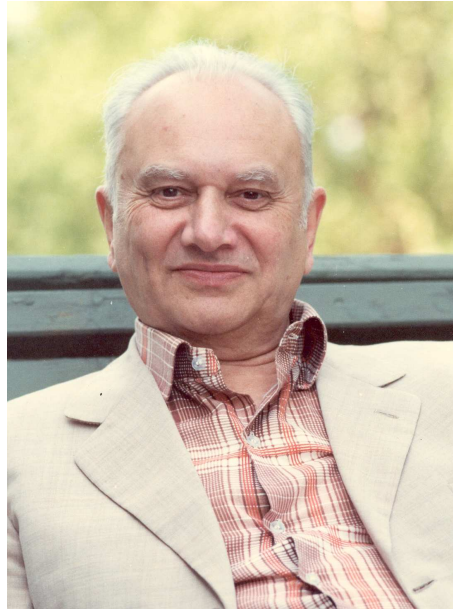


PREFACE: HEAT TRANSFER IN CONDENSATION AND BOILING, PART 2



Professor Samson S. Kutateladze

The present issue is the second in the series of three special issues celebrating the centennial of the birthday of Professor Samson S. Kutateladze (1914–1986), a world-renown scientist who made pioneering contributions to heat transfer and fluid mechanics, the author of the hydrodynamic theory of boiling crisis, and Academician of the Russian Academy of Sciences. His research interests included a wide range of topics such as boiling, condensation, and turbulent boundary layers. The international heat transfer community recognized Professor Kutateladze's work by awarding him the Max Jacob Memorial Award in 1969. The scientific career and many important research contributions of Professor Kutateladze are discussed in a detailed biographical sketch which is forthcoming in the second issue of 2015. All three special issues include original research contributions in the areas pioneered by Kutateladze. The research papers in the present issue focus on recent progress in the studies of two-phase flows in pipes, boiling, and condensation.

Editor-In-Chief

Oleg A. Kabov

Kutateladze Institute of Thermophysics,
Siberian Branch of Russian Academy of Sciences,
Novosibirsk, 630090, Russia