

## Preface

Under the “Listing of international, all-Russian, and regional scientific and scientific-technical meetings, conferences, symposiums, congresses, workshops, and schools,” asserted by the Presidium of the Siberian Branch of the Russian Academy of Sciences for 2006, the XIII International Symposium “Atmospheric and Ocean Optics. Atmospheric Physics” has been held in Tomsk on 2–6 June, 2006. This Symposium is one of the most representative and regular in Russia.

The Institute of Atmospheric Optics and Institute of Solar-Terrestrial Physics were the organizers of the Symposium. Academician G.A. Zherebtsov and Professor G.G. Matvienko were Co-Chairs, Professor V.A. Banakh was the Chair of the Organization Committee, and Dr. O.V. Tikhomirova was the Scientific Secretary.

Four Conferences worked in the framework of the Symposium.

*A. Molecular Spectroscopy and Atmospheric Radiation Processes.*

*B. Radiation Propagation in Atmosphere and Ocean.*

*C. Optical Methods in Studies of Atmosphere and Ocean.*

*D. Atmospheric Physics.*

In 2006 it was 70 years since the invention of the Ionosphere Station in Tomsk and the start of ionosphere investigations in Russia. A series of reports were devoted to the date.

There were 250 participants from 64 scientific organizations, 70 of them were the youth of 33 and younger. Apart from Russian scientists from 11 cities, the guests of the Symposium were scientists from Germany, China, Turkey, Switzerland, and Japan.

There were delivered 316 reports, among them 11 plenary, 92 oral, and 213 posters.

The Symposium was financially supported by the Siberian Branch of the Russian Academy of Sciences, Russian Foundation for Basic Research, and the International Society of Optical Engineering (SPIE). This support favored the success of the Symposium and publishing in time of the abstracts, as well, it will help in publishing the Proceedings of SPIE in English. Due to the financial support, the Organizing Committee had a possibility to partly compensate the traveling expenses to ten participants, nine of which were young scientists from Irkutsk, Kazan, St. Petersburg, and Vladivostok.

In addition to Proceedings of SPIE, this topical issue of *Atmospheric and Oceanic Optics* has been prepared, which includes the materials of the Symposium corresponding to the journal subject field, as well as a few works devoted to studies of the ionosphere.

Chair of the Organizing Committee of Symposium  
Professor **V.A. Banakh**