

Foreword

This issue of the “Odessa Astronomical Publications” (V.20, 2007) collects up the articles that were presented at the International jubilee scientific conference “Modern Problems of Astronomy” that has been devoted to the 100th anniversary of the outstanding scientific astronomer Vladimir Platonovich Tsessevich (1907–1983). The conference was held in Odessa (Ukraine), in that city where V.P.Tsessevich lived in childhood and worked in years 1944-1983. The conference was organized by I.I.Mechnikov Odessa National University and passed August 12-18, 2007. The Memorial part of the conference was held of August 13, 2007 and was devoted to the Tsessevich’s life, his scientific, pedagogical and popularization activity.

Together with University the following organizations took part in the conference preparation: Euro-Asian Astronomical Society (Moscow), Ukrainian Astronomical Association (Kiev), Odessa Astronomical Society, Department of Astronomy, Research Institute “Astronomical Observatory” of I.I.Mechnikov Odessa National University and Odessa Radioastronomical Observatory of Radioastronomical Institute of Ukraine Academy of Sciences.

The scientific program included sections: 1. Memorial Meeting. 2. Physically Variable Stars. 3. Interacting Binary Stars. 4. Chemical Composition and Evolution of the Stars and Galaxies. 5. Variable Radiosources. 6. Cosmology. 7. Near-Earth Astronomy, Astrometry and Celestial Mechanics. 8. Meteoric Astronomy. 9. Telescopes, Registration and Processing of Images and Signals. 10. Astronomical Education, Popularization of Astronomy, New Society.

About 180 scientists from 15 countries of the America, Asia, Australia and Europe participated in the conference. On Memorial part were delivered 10 talks his schoolboys and employees and on sections more that 87 scientific talks were delivered there (23 of them were the plenary talks). The total number of the poster presentations was about 45. In the conference resolution it was noted that the Tsessevich’s conferences are very productive.

According to the SOC decision the publication of the Tsessevich’s conference proceeding was divided into two parts. The first part consists the talks on English and the second part consists the talks on Russian. The first part opens by the report: “Vladimir Platonovich Tsessevich – Astronomer-Romantic”. Further all talks go in alphabetic order on a surname of the first author of the talks. The arrangement of the reports in the second part follows the same principle. The contents and abstracts of both parts is given in English. In summary, as the editor-in-chif of this journal, I bring deep gratitude to all participants of the conference “Modern Problems of Astronomy” for performances in memory about V.P.Tsessevich.

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