

## FOREWORD

This issue of the “Odessa Astronomical Publications” (vol. 26 issue 2) gathered articles that were presented at the XIII Odessa International Astronomical Gamow’s Conference-School “ASTRONOMY AND BEYOND: ASTROPHYSICS, COSMOLOGY AND GRAVITATION, COSMOMICROPHYSICS, RADIO-ASTRONOMY AND ASTROBIOLOGY”.

The Conference was organized by I.I.Mechnikov Odessa National University on August 19-25, 2013. Together with University, the following organizations took part in the Conference organization: Radio-astronomical Institute of the National Academy of Science of Ukraine and its Odessa Observatory branch “URAN-4”, the Department of Astronomy and Astronomical Observatory of I.I.Mechnikov Odessa National University, the Ukrainian Astronomical Association (Kiev), the Euro-Asian Astronomical Society (Moscow), the Odessa Astronomical Society, the Southern Scientific Center of the National Academy of Science of Ukraine. Co-chairs of the SOC were G.S.Bisnovatyi-Kogan (Russia) and V.M.Shulga (Ukraine), vice-chairs – A.I.Zhuk (Ukraine) and M.I.Ryabov (Ukraine).

The scientific program included the following sections: “Cosmology, Cosmomicrophysics and Gravitation; Astrophysics” (subsection “Virtual observatories”); “Chemical and dynamical evolution stars and galaxies”; “Radio-astronomy”; “Sun and Solar System” (subsection “Astrobiology”); Poster sessions and subsection “System and methods of data processing”; “Ukraine Planetariums”.

About 110 scientists from Ukraine, Russia, Belarus, Moldova, Kazakhstan, Czech Republic, Estonia and Armenia participated in the Conference-School. During the Plenary sessions, 20 talks were presented, 68 reports and 15 posters were presented during the regular sections. In addition, the several discussions were organized. Among them: About a current state and perspective of development of astronomy in Ukraine, Russia and the Eastern Europe (chair Ya.S.Yatskiv); Models and observations of active galaxies and quasars (chairs G.S.Bisnovatyi-Kogan, N.G.Bochkarev); Sun in a maximum 24 cycles and perspectives of solar-terrestrial connections for low cycles of activity” (chairs V.N.Obridko, L.I.Miroshnichenko).

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