

The 13th Ukrainian Conference on Space Research

In the range of September 2–6, 2013 with the assistance of State Space Agency of Ukraine and National Academy of Sciences of Ukraine the town of Evpatoria held the 13th Ukrainian conference on space research. Institute of Space Research of NAS of Ukraine and SSA of Ukraine as well as National Center of Control and Test of Space Facilities (NCCTSF, town of Evpatoria) were the organizers of the conference. 220 specialists from leading scientific centers of Ukraine (ISR, GE DO “Yuzhnoye”, MAO, LC ISR, ITM, IAM) of Kiev Taras Shevchenko National University and Kharkov V.N. Karazin National University, “Lvov Politeknika”, HNUR and others) including Russia, Belorussia, Kazakhstan, Poland and Romania. The work of the conference received a backing from State Space Agency of Ukraine and National Academy of Sciences of Ukraine. In frames of conference there was held a meeting of Russian-Ukrainian workgroup (with participation of specialists of SSAU and Federal Space Agency Roskosmos) on collaboration in space branch which discussed the state of joint programs running and perspectives of using means of NCCTSF.

Consideration was given to urgent problems of space research, the results of fulfillment of the National Space Program for 2013–2017 as well as the target complex program of NAS of Ukraine on space research. The conference meetings were held in frames of 5 sections and 6 subject subsections. There were submitted 27 plenary and 146 section papers, 28 poster papers, were held discussions and round tables on urgent subjects as well as workshops on current and promising projects (the project “IONOSAT-MIKRO”, Moon research: prospects of participations for Ukrainian scientists).

New additions on space subject were presented.

By results of the conference work a joint decision was made which defines the following:

- To point out high scientific level of papers as well as the urgency of discussions on problems of space physics, devices for space research, astrophysics, space weather and space biology and Earth remote sensing;
- Keep on the active development of the space project IONOSAT-MIKRO;
- To consider the training for development of space project AEROZOL urgent and provide the discussion of the project urgent questions on the next conference;
- To provide the training for discussion on promising space research, in particular Moon, aimed at formulating the priorities of Ukraine in frames of International Research Programs (Professor A.P. Vedmachenko, MAO NAS of Ukraine being the coordinator);
- To organize preliminary work on creating new sections for the next conference (conditional names):

- spacecrafts and systems for space research (Makarov A.L. being the coordinator);
- ground subsatellite research (Chornogor L.F. being the coordinator);
- to include the mentioned coordinators in the staff of the program committee of the conference;
- to keep on presentation of new editions of space subject matters;
- to work out the possibility of obtaining grants for encouraging young scientists to participate in a conference;
- to release the collection of works on scientific foundations of creating the system of ground ranges for calibration and validation of satellite data of Earth investigation;
- to point out the high level of preparation and holding of the 13th Ukrainian Conference on Space Research and to express gratitude to NCCTSF;
- to set the stage for the 14th conference which is scheduled to be held in NCCTSF in September, 2014.