

AMENDMENT

to the **Agreement** on the establishment of 1.5-m optical telescope facility in Turkey
signed on March 21, 1995

The Space Research Institute of the Russian Academy of Sciences (IKI) and Kazan Federal University (KFU) from the Russian side, and

The Scientific and Research Council of Turkey (TUBITAK) from the Turkish side,

have agreed that the existing Agreement on the establishment of a 1.5-m optical telescope facility in Turkey signed on March 21, 1995 and valid until March 2015 will be prolonged after this date for

- i) a transition period (of at most 3 years) comprising the time before the launch of the SRG space observatory and the first 6-month period of the SRG all-sky X-ray survey; and
- ii) a period of 10 years after that, with the following modifications:

Article 1.1 is to be read in the following redaction:

During the transition period (before the first 6-month period of the SRG all-sky X-ray survey is completed), the RTT150 telescope observing time will be distributed between Russian and Turkish institutions in shares of 45% and 55% respectively. The Russian share of the observing time will be divided as follows: 10% IKI and 35% KFU.

During the 10 years after the aforementioned transition period, the RTT150 telescope observing time will be distributed between Russian and Turkish institutions in shares of 50% and 50%. The Russian share of the observing time will be divided as follows: 15% IKI, all to be used for SRG support, and 35% KFU, including 25% for SRG support and 10% for other projects. The TUBITAK share of the observing time will be divided as follows: 20% for TUBITAK observations of ART-XC sources that will be studied independently by TUBITAK, 15% for observations of ART-XC sources to be jointly analyzed by Russian and Turkish scientists, 5% for joint KFU-Turkish observations and 10% for other observations by Turkish scientists.

In the case that SRG sources are not available for observations, all parties can use their time for other projects.

Article 1.2. is not relevant any more.

Article 1.3 is to be read in the following redaction:

All sides confirm that the main scientific task will be ground support of the Spectrum-Roentgen-Gamma space observatory (SRG). After the successful launch and the completion of technological operations necessary to carry out the scientific program using the ART-XC grazing-incidence reflection-optics X-ray telescope aboard SRG, **IKI** will ensure cooperation with **TUBITAK** in using data of the ART-XC telescope for scientific purposes, including the participation of Turkish scientists in scientific work based on these data. The details of this cooperation will be defined in a **PROTOCOL**, which is an essential part of this **AMENDMENT**. This protocol defines the conditions of cooperation in the framework of the SRG project, including the description of tasks to be performed, equipment to be delivered, data sharing procedure, financial and legal issues, including the procedures in case of force majeure.

Articles 2.2 and **2.3**, which define the issues of telescope transportation and installation, are not relevant anymore.

In **Article 3.1**, the text after the sentence «Such proposals are subject to internal selection procedure on either side» is to be read in the following redaction:

The observational time for joint observations will be charged from the time quota of each side by mutual agreement from all the involved sides.

Article 4 is to be read in the following redaction:

The agreement will be valid for the transition period (of at most 3 years) before completion of the first 6-month period of the SRG all-sky X-ray survey and for the 10-year period after that.

Signed in three copies in English

22 December 2014

From IKI RAN

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Lev Zelenyi

From KFU

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