On 24 of November, 2016, the regular meeting of the Research Station Academic Board took place. During this meeting, the Report on scientific and research work within the Program of Fundamental Research of Presidium of the Russian Academy of Sciences was submitted.

1.5: The Problems of development of high-performance distributed and cloud-based systems and technologies. Intelligent information technologies and systems. Chapter "Problems of development of high-performance distributed and cloud-based systems and technologies" (part of RAS)". **Project: "Development of distributed system of applications for storage, processing and analysis of Tian Shan region complex geodynamic monitoring data".**

In the course of Project execution there was developed the interactive software tool, which can provide effective storage, deep processing and qualified interpretation of field electromagnetic observations materials. The observations were executed by the method of magnetotelluric soundings and represented in international EDI format. Within the framework of deep electromagnetic data analysis the procedures of impedance tensor calculation in dependence to the angle of system of coordinates rotation in relation to electromagnetic field component's initial orientation in various periods and plotting of polar plot of tensor impedance and phase tensor.

All participants of the meeting took part in discussion of Report.

The issue of the Report adoption was put to a vote and on results of voting the Report on scientific and research work within the Program of Fundamental Research of Presidium of the Russian Academy of Sciences was adopted.

1.5: The Problems of development of high-performance distributed and cloud-based systems and technologies. Intelligent information technologies and systems. Chapter "Problems of development of high-performance distributed and cloud-based systems and technologies" (part of RAS)". Project: "Development of distributed system of applications for storage, processing and analysis of Tian Shan region complex geodynamic monitoring data".