

Invited Lecture

**MONITORING OF SEYFERT 1 GALAXIES AT THE SPECIAL
ASTROPHYSICAL OBSERVATORY OF THE RUSSIAN
ACADEMY OF SCIENCE**

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We present a development of the long-term monitoring of type 1 active galactic nuclei (AGNs) at the Special Astrophysical Observatory of the Russian Academy of Science, which was initiated by Alla Ivanovna Shapovalova back in the eighties of the last century. Setting up and running this monitoring program, which was among the first program combining different telescopes and observatories, was a challenge for the SAO group of AGN optical variability investigations. We have encountered many unique problems (e.g. methods of observation, data processing, data calibration, analysis of AGN spectra, hardware problems, lack of obtained observation time on the telescope, etc.), that were successfully overcome during the monitoring program. Here we present how we have addressed and solved these problems, as well as some results of long-term monitoring of individual AGNs. This work was supported by the Russian Science Foundation (grant no. 20-12-00030 "Investigation of geometry and kinematics of ionized gas in active galactic nuclei by polarimetry methods").