

**IONIZED-GAS CLOUDS IN  
THE 2MASX J013130.00-062550.8 GALAXY**

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Search of the extended emission-line regions (EELRs) ionized with the AGN radiation allows to study the history of the active nuclei luminosity at the time scales of 10 – 100 thousand years, intergalactic medium gas distribution and the radio jets influence on the gas in the host galaxy.

In this work we present a detailed study of the EELRs in the Seyfert 2 galaxy 2MASX J013130.00-062550.8. We discovered two symmetric extended ( $\sim 20''$ , i.e.  $\sim 17.6$  kpc away from nucleus) ionized-gas clouds emitting in the [OIII] $\lambda 5007$  line.

Observations were carried out at the prime focus of the 6-m SAO RAS telescope with the multi-mode focal reducer SCORPIO-2. We used the long-slit spectroscopic mode to probe ionization state of the gas and the 3D spectroscopy with the scanning Fabry-Perot interferometer to analyze the gas kinematics.

Optical diagnostic diagrams and the presence of the HeII $\lambda 4686$  in the long-slit spectra demonstrate that EELRs are ionized by the nuclear radiation. We consider various hypothesis about the origin of the observed structures.