

## **Introduction to recent meteor radar measurements of MLT-winds over Eastern Europe, Kazan (55.8°N, 48.8°E).**

Dmitry Korotyshkin<sup>(1)</sup>, Oleg Sherstyukov<sup>(1)</sup>, Fargat Valiullin<sup>(1)</sup>, Gayfullin Ilgiz<sup>(1)</sup>

(1) Kazan Federal University

Wind measurements of MLT winds using meteor radar with phase interferometer have been carried out in Kazan since 1986. It allowed determination of prevailing winds and tidal amplitudes for several decades.

In February 2015 we have installed new Skiymet Radar instead of previous. Since then meteor radar is operating in uninterrupted mode. It allowed obtaining continuous time and height series of zonal and meridional winds.

Here we will present results of two years of observations for prevailing winds and tidal amplitudes in comparison with previous observations in Kazan. It will include height and seasonal behaviour of zonal and meridional winds of MLT-region.