

**DOUBLE STATION OBSERVATION OF FAINT
METEORS IN NIKOLAEV**

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Meteor research using TV CCD unintensified techniques was started in 2011 in Nikolaev astronomical observatory (RI NAO). The method of meteor registration is based on combined observation method developed at RI NAO. The main accent of the research is made on precise astrometry and meteoroid orbits calculation. In 2013 first double station meteors with low baseline were observed. The accuracy of visible radiant estimation is 0.7° with baseline 5 km, and less 0.5° with baseline 11.8 km. The accuracy of velocity and height estimation is 0.5 km/s and 1-2 km.