

Oberentfelden, 14.10.2017

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### **Observation of asteroid 2012 TC4**

The small asteroid has about 15 m diameter and passed the earth on October 12, 2017 in a distance of only 44'000 km. The pictures were made on October 11 on Schafmatt Observatory (Cassegrain D=450 mm, f/3) between 18:53 and 19:20 UT.

The 23 pictures were 60 sec. exposed each, with a break of 10 sec. between the pictures. The brightness of the asteroid was about 14.5 mag and the sky motion was between 65 "/min (begin of recording) and 72 "/min. (end). After the close encounter with the earth, the orbit has changed a little bit. The next passage will occur in 2079.

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