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## Asteroid Day 2017

### Near-Earth-Asteroids (NEAs) and Impacts

Hello everybody, I am a postdoc in astronomy at the department of Astrophysics of Vienna. I study minor bodies (asteroids and comets) since 7 years already. I did my master in Padova (Italy), my Phd in Vienna (Austria) and 2 years of postdoc at the Western University in London Ontario, Canada.

My expertise is about orbital dynamics of asteroids and comets and I also observe them and make photometric studies, from which I can find some surface physical characteristics and how fast they rotate.

At the asteroid day I am going to speak about Near-Earth-Asteroids (NEAs) and their impacts with planets. These asteroids can have close encounters with terrestrial planets (like Venus, Earth, Mars...) and even collisions. They are not only dangerous for the Earth, because they deliver interesting material to us (even water in some cases). Therefore we study carefully their orbits, their path in the sky and their physical characteristics, how they are, where they come from and how much is the probability for a collision.

I hope to see you at my talk here at the department of astrophysics in Vienna, welcome to the "Wienerisch" Asteroid Day!