

Asteroid Day 2019

Family Activity

Over one million asteroids have the potential to impact the Earth, but so far we have detected just 1% of them. For this reason, a global awareness campaign, called Asteroid Day, was initiated in 2014 and endorsed by the United Nations in 2016. This day brings together people around the world to learn about asteroids, the hazards they pose, the steps we can take to protect ourselves and our planet from potential impacts and how asteroids can help us to understand how our Solar System formed, and whether and how we can exploit their resources. Asteroid Day is held each year on 30 June to mark the anniversary of the largest impact in recorded history, the 1908 Tunguska event in Siberia, when a relatively small asteroid, about 30–50 metres across, destroyed an unpopulated area about the size of a major metropolitan city.

The ESO Supernova Planetarium & Visitor Centre will be celebrating Asteroid Day on 30 June 2019, and invites you to join in with the activities.

Throughout the day, in the seminar room on the 4th floor, you will be able to watch movies and listen to short talks (in German) about asteroids, their origins and what they can teach us about the Solar System, as well as the discoveries being made by ongoing asteroid research. **No reservation is needed for the seminar room activities but seats are limited.**

Programme:

12:30 Philipp Maier, Universität Stuttgart: "Asteroidenabwehr"

13:30 Wolfgang Beisker, Internationale Amateursternwarte (IAS) München & International Occultation Timing Association - European Section (IOTA-ES): "Was wir von Asteroiden aus erdgebundenen Beobachtungen lernen können"

14:00 "51 Degrees North" film (in English with German subtitles)

15:00 Michael Frühauf, Planetary Defence Office, ESA, Darmstadt: "Was macht die ESA bezüglich erdnaher Asteroiden?"

16:00 Thomas Müller, Max-Planck-Institut für extraterrestrische Physik: "Die Hayabusa-2 Mission zum erdnahen Asteroiden Ryugu"

In the foyer area of the seminar rooms you will also find lots more information about asteroids.

Children can build their own asteroid model in the ground floor foyer area of the building. **No reservation is required, simply drop by.**



The new planetarium show, [The Amazing Adventures of Rosetta and Philae](#), will be shown for the first time. **You should book your places for the show in the normal way online.**

In the evening there will be a public talk about asteroids, given (in German) by Dr Thomas Müller, of the Max Planck Institute for Extraterrestrial Physics (MPE). **A reservation is required to attend this talk.** For a full description of the talk and to book your tickets please click on this link [Asteroiden: Gefahr aus dem All?](#)

Minimum recommended age: 8

Ticket price: 0.00 €

Duration: 05:00:00

Languages:  

Location: Entire Building | Exhibition area | Planetarium | Scorpius-Sagittarius

#AsteroidDay #AsteroidDay2019

Partners:



Max-Planck-Institut für
extraterrestrische Physik