

Open House Day 2018

13 October, 11:00–18:00



Dear Visitor,

We would like to thank you for choosing to visit ESO, the European Southern Observatory, and to offer you a warm welcome to our Headquarters. Below you will find a programme of activities, as well as a map to guide you around the building.

If you need help on your way, look for our members of staff, who are wearing badges. As ESO is an international organisation, we have staff speaking various languages.

Programme

1

Welcome to ESO. Get free material about ESO, an event programme, a map of the building, and help with directions. Children can pick up passports to collect stamps and will have the chance to win gifts if they accumulate all of the stamps from our activities (on departure, gifts can be collected from area 15. Children can also pick up an album for stickers here.

2

ESO Supernova Planetarium & Visitor Centre. Come and visit this cutting-edge free astronomy centre, and experience our interactive exhibition that will leave you in awe of the Universe we live in. Planetarium shows are also available throughout the day and videos can be watched in our cinema. Pre-booking on supernova.eso.org is required for the planetarium shows! The entrance is free but donations are most welcome.

3

ESO and ALMA exhibitions with models, Ask an astronomer. Embark on all-inclusive journeys into and around some of ESO's most breathtaking sites and groundbreaking instruments. Learn more about ESO's telescopes and science. If you have questions, look for one of our staff members wearing an "Ask an astronomer" badge and they will be happy to help. **Stamp station and stickers.**

4

ESO Chile Chill. Take a moment to relax by watching incredible images from our sites in Chile and listen to a chill-out session.

5

Picture book presentation. *Paul und Marie reisen zu den Sternen.* A story by Maria Breuer with illustrations by Daniela Kunkel (Carlsen Verlag). For kids as of the age of 3 years, duration 20 minutes.

5

Photo collection of the night sky. Admire vistas of the night sky and astronomical objects. **Stamp station and stickers.**

7

Guided tours of ESO. Join our guides on a tour through the ESO premises and learn more about ESO and the new Headquarters extension building. Registration at the starting point of the tour is required. Tours in German and English.

8

The Extremely Large Telescope (ELT) prototype components, astronomical instrumentation and mechanical workshop. ESO builds some of the largest telescopes in the world. Learn about instruments, ELT prototype component testing and how to optimise the performance of telescopes. Visit our Mechanical Workshop and see live machining from raw material to precision parts that will be installed on our telescopes. A number of limited-edition machined mini-ELTs will be given away in exchange for a contribution to the ESO charity fund. **Stamp station and stickers.**

3

ESOshop. If you are looking for souvenirs or gifts, this is the place to be. Our products include books, clothing, postcards and stickers.



Programme

10

Talks, live connection to Chile and documentaries. Events in ESO's big auditorium Eridanus. Duration 20–30 minutes.

11

Cafeteria. Free drinks are available for our visitors. For a small donation to our Charity Group, you can also enjoy an international buffet with traditional food from around the world, all home-made by our staff.

12

Observing with a telescope. If we have clear skies, AGAPE astronomers will show you the Sun using a special filter on their telescopes.

13

Infrared photography. Have your infrared picture taken! Demonstration of magic experiments with the Infrared camera.

14

Comet factory. At this spectacular comet making demonstration learn about comets and what they're made of.

15

Face painting and Lego telescope building. Children will have lots of fun having their faces painted with diverse astronomical themes, such as stars, galaxies or comets. You can also build your very own mini-telescope out of Lego (limited number available)! If you have visited all our stamp stations, you can pick up your gift here. **Stamp station and stickers.**

16

Youngsters Corner. Looking for future Co-Workers! See how creative, exciting and varied technology is! Give it a try: Come with us on a hands-on tour, with workshops and experiments – or simply ask us questions to your heart's content! **Stamp station and stickers.**

If you plan to take photos during the event, we invite you to share them with us on our Flickr group:
<http://www.flickr.com/groups/youresopictures/>

We would also like to invite you to share your impressions about the ESO Open House Day over Twitter @ESO or on our Facebook page:
<https://www.facebook.com/ESO Astronomy>

Thank you for joining us today!

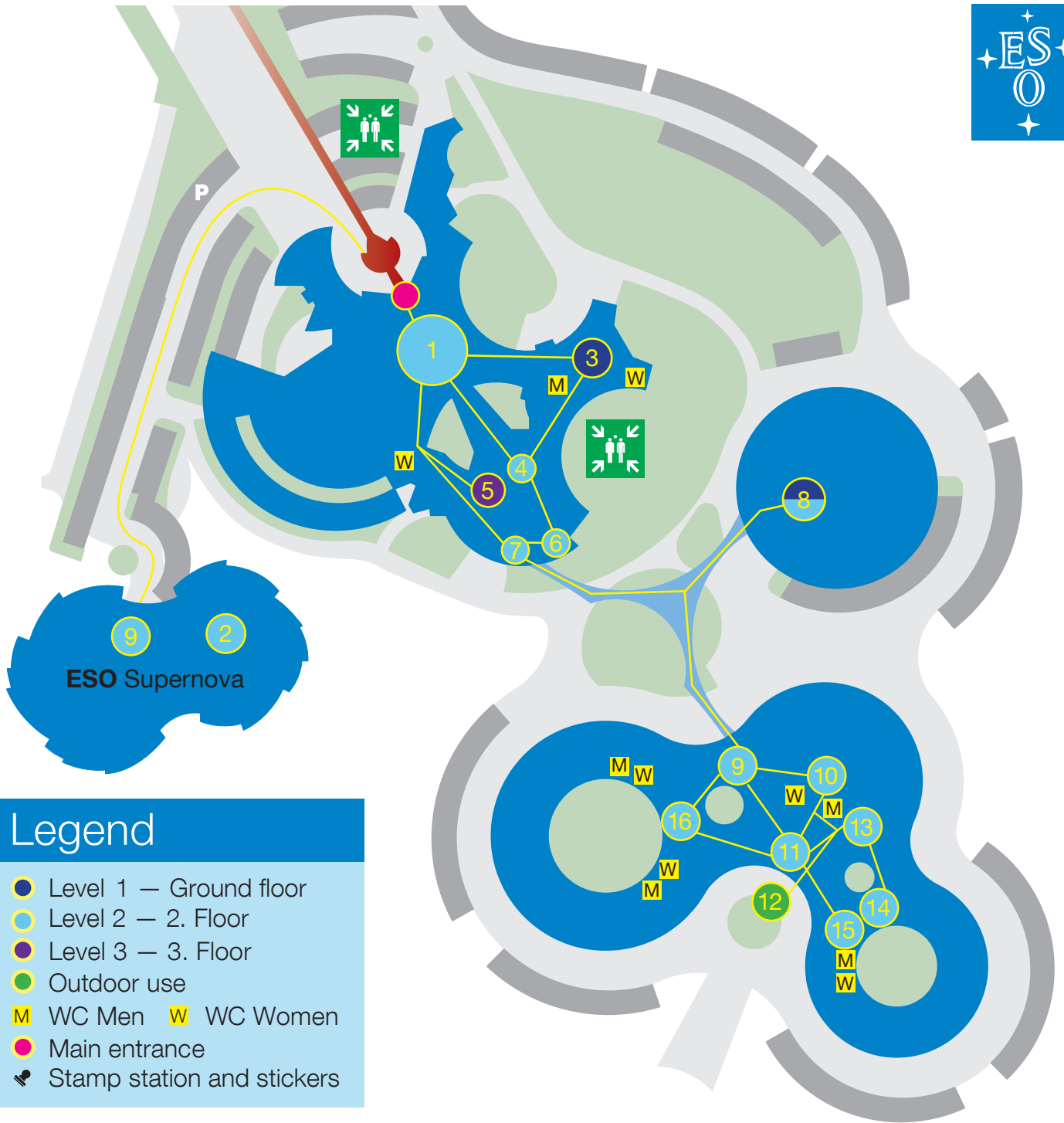
Schedule

Start time	Activity	Language	Area	Suitable for	Tickets
11:15	Picture book presentation	German	5	Kids > 3 years	not needed
11:20	Documentary: <i>Europe to the Stars – ESO's first 50 years of Exploring the Southern Sky</i> (short version)	English	10	All ages	not needed
11:20	Comet-making demonstration	German	14	All ages	not needed
11:30	Planetarium show: <i>Der Himmel heute Nacht</i>	German	2	All ages	online/on-site
11:30	Guided tour of ESO	German	7	All ages	on-site
11:40	Talk: <i>Unsere Planeten</i>	German	10	Kids 6–12 years	not needed
12:00	Demonstration: Infrared camera	German	13	All ages	not needed
12:00	Guided tour of ESO	German	7	All ages	on-site
12:15	Picture book presentation	German	5	Kids > 3 years	not needed



Schedule

Start time	Activity	Language	Area	Suitable for	Tickets
12:15	Talk: <i>Brotzeit für gigantische schwarze Löcher</i>	German	10	All ages	not needed
12:30	Planetarium show: <i>Europe to the Stars</i>	English	2	All ages	online/on-site
12:30	Guided tour of ESO	German	7	All ages	on-site
12:45	Comet-making demonstration	English	14	All ages	not needed
12:50	Talk: <i>ESO – eine allgemeine Einführung</i>	German	10	Kids > 8 years	not needed
13:00	Guided tour of ESO	English	7	All ages	on-site
13:15	Picture book presentation	German	5	Kids > 3 years	not needed
13:25	Talk: <i>ALMA – Blick ins unsichtbare Universum</i>	German	10	All ages	not needed
13:30	Planetarium show: <i>Der Himmel heute Nacht</i>	German	2	All ages	online/on-site
13:30	Guided tour of ESO	German	7	All ages	on-site
13:30	Comet-making demonstration	German	14	All ages	not needed
14:00	Guided tour of ESO	German	7	All ages	on-site
14:00	Live connection to ALMA, Chile	German	10	All ages	not needed
14:15	Picture book presentation	German	5	Kids > 3 years	not needed
14:15	Comet-making demonstration	English	14	All ages	not needed
14:25	Talk: <i>Exoplaneten finden und abbilden</i>	German	10	All ages	not needed
14:30	Planetarium show: <i>Eine Tour durch das Sonnensystem</i>	German	2	All ages	online/on-site
14:30	Guided tour of ESO	German	7	All ages	on-site
15:00	Talk: <i>Die Astronautin – wir bringen die erste deutsche Frau ins All!</i>	German	10	All ages	not needed
15:00	Demonstration: Infrared camera	German	13	All ages	not needed
15:00	Guided tour of ESO	English	7	All ages	on-site
15:15	Picture book presentation	German	5	Kids > 3 years	not needed
15:30	Planetarium show: <i>Der Himmel heute Nacht</i>	German	2	All ages	online/on-site
15:30	Guided tour of ESO	German	7	All ages	on-site
15:35	Talk: <i>Die Arbeit in der ESO – vom Teleskopbau zur Astronomie</i>	German	10	All ages	not needed
15:45	Comet-making demonstration	German	14	All ages	not needed
16:00	Guided tour of ESO	German	7	All ages	on-site
16:10	Live connection to Paranal, Chile	German	10	All ages	not needed
16:15	Picture book presentation	German	5	Kids > 3 years	not needed
16:30	Planetarium show: <i>Europas Weg zu den Sternen</i>	German	2	All ages	online/on-site
16:30	Guided tour of ESO	German	7	All ages	on-site
16:30	Comet-making demonstration	English	14	All ages	not needed
16:35	Talk: <i>Under the Hood of ALMA</i>	English	10	All ages	not needed
17:00	Guided tour of ESO	English	7	All ages	on-site
17:10	Talk: <i>Asteroiden – klein aber gemein!?</i>	German	10	All ages	not needed
17:15	Picture book presentation	German	5	Kids > 3 years	not needed
17:40	Documentary: <i>ALMA – In Search of our Cosmic Origins</i>	German	10	All ages	not needed



Legend

- Level 1 — Ground floor
- Level 2 — 2. Floor
- Level 3 — 3. Floor
- Outdoor use
- M WC Men W WC Women
- Main entrance
- 📍 Stamp station and stickers

Directory

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