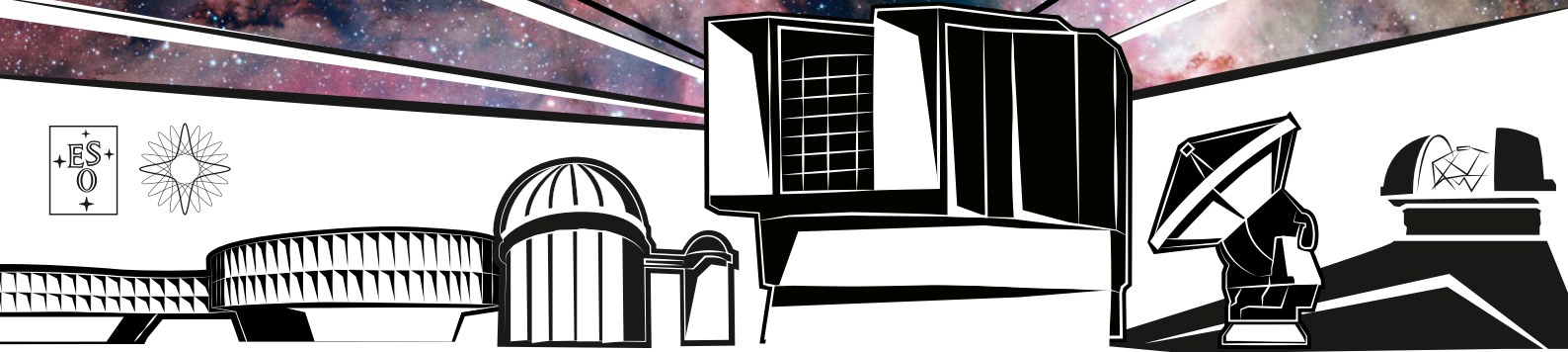


LONG NIGHT OF SCIENCE 2015

27 June, 18:00–24:00 | ESO Headquarters



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 get a chance to win gifts if they accumulate all of the stamps from our activities. On departure, gifts can be collected from area 15. Moreover, children can pick up an album for stickers.

2

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.

3

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

4

Stellarium and a photo collection of the night sky. A demonstration of the Stellarium software and how you can use it to find your way around the night sky. Here you can also admire vistas of the night sky.

5

Planetarium. No matter the weather or the time of day, you will get a chance to see the stars thanks to our planetarium activity. Registration is required.
Stamp station and stickers.

6

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. Tours start every 30 minutes between 18:30 and 23:00. Registration at the starting point of the tour is required.

7

International Year of Light exhibition. The exhibition LIGHT: Beyond the Bulb showcases the incredible variety of light-based science being researched today.

8

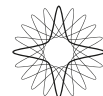
European Extremely Large Telescope (E-ELT) prototype components and astronomical instrumentation. ESO builds some of the largest telescopes in the world. Visit our new integration laboratory and learn about instruments, E-ELT prototype component testing and optical experiments done to optimise the performance of telescopes. You will also learn how ESO sends laser beams into the sky to simulate stars. Please Note! The assembly hall is a clean environment and access requires special plastic over-shoes that will be provided on request at the entrance of the assembly hall.

9

The importance of a dark sky for astronomy. Walk down the corridor and experience the detrimental effects of light pollution.

10

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



Programme

11

Live connection to Paranal and ALMA in Chile, talks, a podcast and screening of documentaries.

- 18:20 – 18:45** Documentary: ALMA – In Search of our Cosmic Origins (English with German subtitles)
- 18:45 – 19:10** Talk: Die Suche nach der zweiten Erde (in German)
- 19:10 – 19:35** Talk: Warum gibt es noch Leben auf der Erde? (in German)
- 19:35 – 20:00** Live connection to Paranal
- 20:00 – 20:15** ESOcast: Revolutionary ALMA Image Reveals Planetary Genesis (English with German subtitles)
- 20:15 – 20:40** Talk: Die Suche nach außerirdischem Leben (und was man von der Erde lernen kann) (in German)
- 20:40 – 21:05** Talk: Neues Superteleoskop auf 5000 Meter Höhe – ALMA blickt tief ins All (in German)
- 21:05 – 21:30** Live connection to ALMA
- 21:35 – 22:00** Talk: ALMA – A New Era in Astronomy (in English)
- 22:00 – 22:25** Talk: Paranal – unser Auge ins Universum (in German)
- 22:25 – 22:50** Talk: Die gefräßige Milchstraße (in German)
- 22:50 – 23:55** Documentary: Europe to the Stars – ESO's First 50 Years of Exploring the Southern Sky (English with German subtitles)

12

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 homemade by our staff.

13

HR@ESO. Find out about job opportunities at ESO.
Stamp station and stickers.

14

Comet factory. At this spectacular comet making demonstration learn about comets and what they're made of. Shows in German at 19:00, 21:00 and 23:00 and in English at 20:00 and 22:00.

15

Face painting. Children will have lots of fun having their faces painted with diverse astronomical themes such as stars, galaxies or comets. If you have visited all our stamp stations, you can pick up your gift here. **Stamp station and stickers.**

16

Youngsters Special. Looking for future co-workers! You cannot imagine how creative, exciting and varied science and technology are! Give it a try: Come with us on a hands-on tour, with workshops and experiments, watch short videos and presentations or simply ask us questions to your heart's content! **Stamp station and stickers.**

17

Infrared photography. Have your picture taken with an infrared camera!

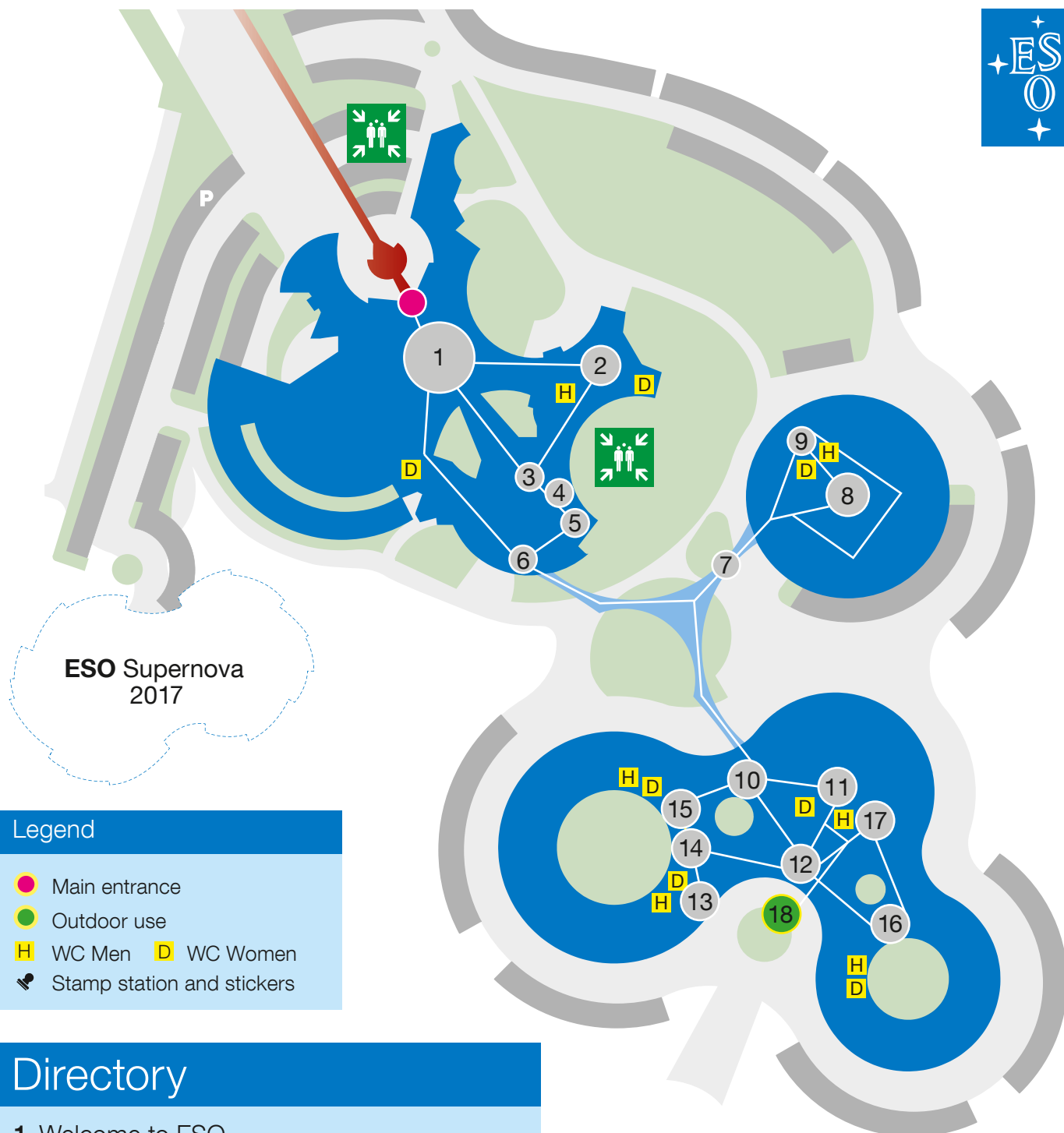
18

Observing with a telescope. If we have clear skies, astronomers will show you the Sun using a special filter, and other astronomical objects.

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/ESOastronomy>

Thank you for joining us today!



ESO Supernova
2017

Legend

- Main entrance
- Outdoor use
- H WC Men D WC Women
- 📍 Stamp station and stickers

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