

VIRTUAL TOUR OF ESA ESTEC



SPACETOURS Noordwijk
Discover the world of ESA ESTEC

FORMAT AND PROGRAMME

- Format** A live, interactive VIRTUAL TOUR of ESA ESTEC to discover the world of space, technology and innovation at ESA ESTEC. We will meet in Microsoft Teams, Zoom, Skype or Google Meet. In English or Dutch by Robert Willemsen.
- Groups** Educational groups like universities, high schools, etc, that cannot (yet) visit the ESA ESTEC premises in person due to COVID-19 restrictions, but would still like to know more about what the space agency does in Noordwijk, NL.
- Time slots** Normally a Virtual Tour lasts about 1,5 hours, but we can be flexible depending on the level of customisation. If there are more requests on the same day, we may have to work with four standard starting times: 09:00, 10:30, 13:00 and 14:30 hrs (CET).
- Programme** Part 1. PP General introduction (live approx. 20 min.)
ESA, the organization, activities, ESTEC and projects.
- Part 2. PP Selected topics (live approx. 40 min.)
You can choose 2-4 of the topics below that match the interests of your group. Highlights will be presented per topic to tailor the experience to the interest of the group. See below and the **TOPICS** web page for more details.
- 1) Satellite Testing: a virtual panoramic tour of the satellite ESTEC Test Centre.
 - 2) IXV – Europe's space plane: the experimental atmospheric reentry space plane.
 - 3) 3D printing for space: research and applications for future space missions.
 - 4) Robotics for Moon & Mars: types of robotic experiments done for exploration.
 - 5) CDF - Satellite design: how concurrent design helps in designing future missions.
 - 6) Astronaut food & nutrition: the what, why and how of eating in space incl. research.
 - 7) Spin-offs from space tech: turning innovations into products for everyday life.
- Part 3. Question & Answer (live approx. 30 min.)
Answering of any questions from the preparation phase before the live Virtual Tour questions or following the presentation of the various topics.
- Cost** For universities and high schools the Virtual Tour is offered FREE of charge by ESA as an outreach effort to groups that cannot visit Noordwijk due to COVID-19 restrictions.
- Book a tour** For bookings please use this [Virtual Tour Request Form](#) so we have some info about your group. If ESA approves the request, we'll plan the Virtual Tour.

INFO & CONTACT

Robert Willemsen - SPACETOURS Noordwijk
For ESA European Space Agency

M: +31 (0)6 230 40002
W: www.spacetoursnoordwijk.com