



## About our organisation

### General

European Space Camp (ESC) is an annual summer camp for students between the ages of 17 and 20. Over the course of a week, 24 participants gather at Andøya in Northern Norway. Here they stay at the local space centre and experience a week filled with rocketry, world-class lectures and more fun. European Space Camp was first arranged in 1996 under the name Space Camp Andøya and has since then developed from a Nordic camp to an international event with participants from all over the world. The main goal of the camp is to promote science and to inspire participants to choose a career within science. Team Space Camp organises the camp in cooperation with Andøya Space Education.

### Content of the camp

The scientific part of the camp is divided between lectures and group work. Lectures are held by some of the best scientists and professors across Europe and cover both topics directly related to rocket science, as well as Northern Lights, life on Mars, and the cutting-edge research being undertaken at CERN. The group work enables the participants to take part in both the practical and the theoretical aspects of a rocket campaign.

The group work aims to complete a rocket campaign. The student rocket is a 2.7m long Mongoose with a theoretical maximum height of 9km. During group work the participants undertake several tasks on the rocket, including soldering sensor cards that are part of the payload, performing aerodynamic analysis and doing stability calculations. The participants also collect data from the rocket during the launch and analyse the data afterwards.

In addition to days filled with physics and rocket science, there are also multiple social activities planned for the participants. During camp, they get to swim under the midnight sun, go on a GPS treasure hunt, play volleyball, barbecue, go on a hiking trip to ALOMAR Observatory, do engineering challenges and much more. The social activities are an important part of the camp because they allow the participants to enjoy the beautiful surroundings on Andøya and make friends for life.

### Participants and the application process

Applicants for European Space Camp should have a keen interest in Space and Rocket Physics, and a good grasp of Mathematics and Physics. It is also important that participants are fluent in English as all lectures and workshops are only covered in English.

The seats at European Space Camp are funded both by sponsors and through cooperation with several scholarship providers. The lucky participants are carefully selected and the result is a high-quality summer camp that provides participants with memories for life.

European Space Camp is an international camp. In addition to participants from Norway and Europe, the camp has had participants from the USA, Canada, India, China, Bangladesh, New Zealand, Australia, the Philippines and more.



## EUROPEAN SPACE CAMP

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### Organising

ESC is a non-profit organization that is organized by a voluntary Team consisting of previous participants. The main tasks of the team involve financing, promoting the camp and organising social activities to make sure the camp is an unforgettable experience for all participants. We organise the camp in collaboration with Andøya Space Education and Andøya Space who help us with the educational aspects of the camp as well as the rocket campaign.

If you have any further questions or would like to request high-quality images, please do not hesitate to contact us.

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