

SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
On Track - Undergraduate Space Education (3)

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STUDENT ROCKETS AT ANDØYA SPACE CENTER

Abstract

This paper is about the student rocket courses at the Norwegian Center for Space-related education (NAROM). The courses are mainly for undergraduate students in the beginning of their studies as an introduction to rockets. The paper will present ongoing programs for students and new developments of the course content and technical details of the student rocket.

The first student rocket was launched from Andøya Space Center in 1998. Since then, around 80 student rockets launched while the concept of student-led rocket campaigns at ASC evolved both technologically and didactically. In 2011, Norwegian and Canadian institutions launched the CaNoRock program. NAROM has been a partner since the beginning, contributing with a one-week student rocket course for university students from Norway and Canada. The latest updates from the CaNoRock program will be presented in this paper.

NAROM has the intention to increase the activity with student rockets and if possible in the future offer a course for European undergraduates from European universities. This will include pre-work at the universities before students from different institutions gather at a one week intensive rocket campaign at Andøya Space Center.