

Countries Involved in the SSETI Programme

Currently 35 teams from 23 different universities in 14 European countries are involved in the SSETI Programme. Hundreds of European students have been involved in SSETI since the programme began in 2000.

Austria

The infrastructure team, based in the Technical University of Vienna, maintains the server hosting all web-based tools for the daily work. This team is also partially responsible for the UHF transceiver on SSETI Express. Vienna is also the home of the ESMO mechanisms team.

Belgium

The team in charge of the ESEO mechanisms system is based in Liège. Le Centre Spatial de Liège also collaborated in some testing. Journalist students from Belgium are also being approached to join the SSETI team.

Denmark

The main SSETI Express Ground station is based in Aalborg University. It is a very active place, host to five teams on SSETI Express (Camera, On-Board Computer, Attitude Control System, Ground Station and Mission Control Computer). The university also hosted the 2005 Space Technology Education Conference (STEC).

France

The SSETI Association is registered under French law, as the legal team is from Paris. A team from Toulouse (Supaéro) is working on the ESEO star tracker and has performed the solar panel laydown for SSETI Express, after training by professionals from DutchSpace. A web-based user interface for SSETI Express telemetry has also been created by a French team.

Germany

Enthusiastic universities have proposed to host STEC 2006. The propulsion team, involved in all three current SSETI projects, is from Stuttgart. A team from Munich is also working on ESMO.

Italy

Four Italian teams are currently involved in SSETI. Students from Naples are working on the ESEO and SSETI Express electrical power systems; ESEO Risk analysis is based in Pisa; while Milan is home to the PR team.

Norway

A team split between Narvik and Trondheim are designing the attitude control system for ESMO. The President of the SSETI Association is also from Norway. Svalsat in Svalbard will be one of the SSETI Express ground stations.

Poland

Five Polish teams are involved in the current SSETI projects. From Warsaw and Wrocław, they are in charge of the Operations, S-Band communications, the ESEO configuration and computer, and one of the ESMO payloads.

Portugal

The team in Lisbon is dealing with the Attitude Control system of ESEO, while two teams from Porto are working on the computer for ESMO and the structure and configuration for SSETI Express and ESEO.

Spain

Five teams are involved in SSETI from various Spanish universities. Working mostly on the ESEO mission and defining the ESMO payloads, these teams are very active and have created a Spanish SSETI sub-association.

Sweden

From the far north of Europe, these students are designing the ESEO camera (Kiruna) and providing devices to measure radiation and its effects (Luleå).

Switzerland

Students in Lausanne, which is also home to the previous ESEO mechanisms team, have designed the Propulsion Instrument Control on SSETI Express (a.k.a. MAGIC). They also organised and hosted the first STEC conference in April 2004.

United Kingdom

Students from the UK were involved in the first year of the ESEO project on thermal issues and the computer. Now a team from Imperial College London is taking care of Assembly, Integration and Verification plans for ESEO. Radio Amateurs from AMSAT-UK developed the SSETI Express S-Band transmitter.



TEAMS OVERVIEW 2005

SSETI is open to all European students that are interested in space.

It is not just aerospace engineers taking part in the initiative, but physicists, communication technicians, mathematicians, computer scientists, and even law students and artists!

Currently over 250 students are active in SSETI, with many more indirectly involved. If you want to know how to become a member or how your university can contribute to the SSETI programme...

...don't hesitate to contact ESA or one of the participating universities!

