

Results for the nineteenth exercise

Of the thirty-seven teams registered for the nineteenth exercise of the Student Aerospace Challenge, twenty-one teams, representing 89 students, submitted their final report. This high number of teams is a record for the Challenge. Following evaluation by the Steering Committee of the Challenge, made up of partners and experts, the list of winning teams is as follows:

- SPHERE (Université Libre de Bruxelles - Brussels, Belgium) received **ESA Grand Prix** for its design of a portable non-invasive device for cardiac assessment and regulation,
- Orbit WUT (Warsaw University of Technology - Warsaw, Poland) was awarded by the **ArianeGroup Prize** for its work on the preliminary design of an attitude control system,
- Astro-Spaceship (ISAE-Supaéro - Toulouse, France) received **Dassault Aviation Prize** for the design of its OSIRIS shuttle, able to perform different types of mission in Low Earth Orbit,
- PoliTOrbital - Medical Aspects (Politecnico di Torino - Turin, Italy) was awarded by the **Communication Prize**, sponsored by ACE, for the emphasizing of work related to the design of a lightweight low power system for sleep monitoring in orbit.

In addition, during the Aerospace Challenge Day, ASTRA Team (Aristotle University of Thessaloniki - Thessaloniki, Greece) received the **Aerospace Challenge Day's Special Prize**, sponsored by Air and Space Museum, for the best presentation related to its work leading to the proposal for a regulation devoted to suborbital flights at altitudes between 21 and 100 km.