« Results for the eleventh exercise »

15 teams, gathering 69 students, competed for the tenth exercise of the Student Aerospace Challenge. The reports, returned on May 2nd, 2017, were evaluated on May 23th, 2017 by the Steering Committee of the Challenge, composed of partners and experts. The prizes rewarded the following teams:

- ISMANS SpaceTeam (ISMANS – Le Mans, France) received ***ESA Grand Prix*** ffor its study to implement a modular seat in the cabin, in order to be adapted to the morphology of all passengers and compatible to the different flight phases. The team will present a poster of its work during the Reinventing Space Conference next October in Glasgow (United Kingdom),

- Hyplane Team (UniNa – Naples, Italy) received ***Airbus Group Prize*** for its work related to pre-sizing of control surfaces and the way to use them on a Lynx Mark II type vehicle,

- Space Piranhas Team (UPB-FIA – Bucharest, Romania) was awarded by the ***Airbus Safran Launchers Prize***
ffor its work on the adaptation of an existing engine to a suborbital vehicle,

- DAST-IDEST (IDEST - Sceaux, France) received ***Dassault Aviation Prize*** for its study related to the use, from a legal point of view, of a suborbital vehicle for military purposes,

- UBI SHUTTLE TEAM (UBI – Covilhã, Portugal) received ***Thales Prize*** for its work on a thermal protection system applicable to a reusable suborbital vehicle.

This year, a new prize awarded the best poster: OpTeamus (TU Delft – Delft, The Netherlands) received the ***Communication Prize*** , sponsored by ACE for the emphasizing of their optimisation study related to the ascent trajectory of a suborbital vehicle.

The ceremony of the handing over of the prizes was held on June 8th, 2017 at Le Bourget Air and Space Museum in the frame of the “Suborbital Day”. This seminar enabled the teams to present their work to the other students, the partners and the schools’ representatives. For the occasion, AMSV UTBM (UTBM – Belfort-Montbéliard, France) received the ***Suborbital Day’s Special Prize*** for
the best presentation during the annual seminar, work being related to the internal layout of the vehicle, making suborbital flights more affordable.