

PRESS RELEASE

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Successful 17th PERSEUS seminar goes virtual

The annual PERSEUS student space research seminar, organized by CNES's Space Transportation Directorate (DTS), was held virtually on 24 and 25 January.

Kicked off at the Paris Air Show in 2005, PERSEUS seeks to engage young students and get them interested in careers in the field of space transportation, while encouraging and supporting entrepreneurs in the launcher domain, fostering innovations and developing promising technologies conceived by students at university or through associations.

The seminar, to which CNES Director of Space Transportation Carine Leveau gave the opening address, aimed to review the status of activities in 2021 and 2022, and to look forward to the future with presentations from students and discussions between stakeholders. The two-day event ended with a prizegiving ceremony where Deputy Director of Space Transportation Véronique Palatin handed laureates their awards.

The innovative project award went to a new school and a new association—ESIGELEC and Top Aero—for their joint work on the autonomous robot designed to neutralize and render safe the DREAM ON sounding rocket.

The prototyping/construction award went to EVERING and GadzSpace Lille/Aix for their SERA 4 nozzles, prototyping of pintle injectors and testing of the injectors and thermal protection inside the future MINERVA engine set to power the first bi-liquid-propulsion ASTREOS rocket for the PERSEUS programme.

The best teamwork award went to the ARES Guyane team of students from Cayenne University, Kourou Technology Institute (IUT), Rennes 1 University, CT Ingénierie and CNES for the fairing, launcher, range safety studies, instrumentation and installation of sensors.

Commendations went to new schools, universities and associations involved in developing the PERSEUS rocket for C'Space 2022: AeroSigma Clermont, ECAM Space Club Lyon, ESISAR, ESTIAéro and CESI Nanterre, who are working to ensure the success of the next campaign in July.

The best poster award went to Rennes 1 University for its poster on the ARES Guyane rocket.

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