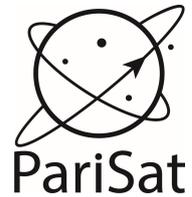




**GAREF AÉROSPATIAL**  
Club scientifique de jeunes de Paris



Paris, 28 February 2022

## **PRESS RELEASE**

### **GAREF AEROSPATIAL is pleased to announce its project PariSat has been selected to be launched on Ariane 6 demonstration flight (FM1 mission)**

GAREF's young members, aged 15 to 18, spent weeks of intensive work to successfully respond to ESA's announcement of opportunity. Their project, PariSat will indeed be among the payloads onboard Ariane 6 maiden flight which is scheduled to take place from the Centre Spatial Guyanais (CSG), French Guiana Spaceport at the end of 2022.

PariSat experiment's main objective is to confirm black-body radiation theory by measuring thermal equilibrium of an array of heated materials. PariSat's payload will be located on the Ariane 6 upper stage. The experiment will re-enter into the atmosphere after having recorded and transmitted its measurements to Ariane's dedicated ground station network. This re-entry in the atmosphere will lead to PariSat's disposal through burn-up, thus abiding by the legislation ruling on space debris.

PariSat is the only experiment out of the other 11 experiments selected to be realized by a French non professional and not for profit organisation

"I'm glad that ESA can use the very first Ariane 6 flight as a platform for launching these fantastic payloads, some of which will enable European start-ups to validate their systems and provide future commercial services. The Ariane 6 inaugural launch is a key step towards full qualification of the Ariane 6 launch system," said Daniel Neuenschwander, ESA Director of Space Transportation.

Ariane 6 demonstration flight is a major milestone for the launch of future institutional missions that Ariane 6 is due to perform such as the deployment of the Galileo satellites (global navigation satellite system).

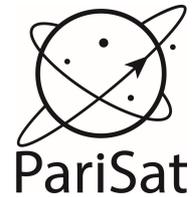
The Ariane 6 program is run and financed by The European Space Agency (ESA). ArianeGroup is the project lead contractor. The Centre National d'Etudes Spatiales (CNES), National Center for Space Studies provides access to the European Space Port in French Guiana. Arianeespace runs launch services as well as their marketing.

#### **ESA's official announcement :**

[https://www.esa.int/Enabling\\_Support/Space\\_Transportation/Ariane/ESA\\_selects\\_payloads\\_for\\_Ariane\\_6\\_first\\_flight](https://www.esa.int/Enabling_Support/Space_Transportation/Ariane/ESA_selects_payloads_for_Ariane_6_first_flight)



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### About GAREF AEROSPATIAL [www.garef.com](http://www.garef.com)

The **GAREF AEROSPATIAL** is a not for profit scientific club run by young volunteers and based in Paris. Its main mission has been to initiate and provide support to its young members on the realizations of onboard electronics for space applications since its creation in 1964. The club always played a preeminent role in the amateur European and international space community as evidenced by the numerous projects conducted in partnership with the CNES and the CSG. These satellite, Eurydice 1 and 2 and Atalante (Mach 3, 18000m) experimental rockets are just a few examples of such realizations. More recently, the club was a founding partner in the successful French PERSEUS programme under the CNES direction.

In addition, GAREF PARIS has always enjoyed the Ville de Paris (Paris municipality) support by ways of it accommodating the club technical infrastructure and subsidizing it in different ways. This help enables GAREF PARIS to run as it is.

### About PariSat's team

PariSat's team currently consists in about ten young members from various backgrounds. They are 15 to 18 years old and are assisted by more senior members of the club. The team can also trust to find a precious help from ENSEA students and researchers who will carry on work on antennas.

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