

Revolution Maker In Small Satellite Engines Wants To Reach European Students and Enthusiasts

SpaceLab EU reaching out to students for ideas on their air-breathing ion-propulsion engine first cargo to test no-fuel-needed engine on very low orbits.

PRAGUE, PRAGUE, CZECH REPUBLIC, June 25, 2019 /EINPresswire.com/ -- [SpaceLab EU](#) has made two open calls focused on European university students and aerospace enthusiasts! The first call is reaching out to the community for suggestions and potential co-development of initial testing-flight satellite cargo. The second call is focused on the long term vision of creating European constellation of satellites on very low orbits providing free internet connectivity.

Petr Palan of SpaceLab EU says: "[With our Open Calls](#) we aim to spice students' enthusiasm about space-related topics and European space presence. We also hope to strengthen the connections to the aerospace community and if it will connect us with new talent to push the project forward, we will be happy."

[Sign-up to receive more details and compete](#) to have your suggested cargo go to space or to receive a monetary prize!

The project we are working on is a unique air-breathing ion propulsion engine that allows satellites to maintain their position on a very low orbit. The engine thrust is created by accelerating the residual atmosphere of the Earth and no longer needs any other fuel. The project of the new engine type is a response to increased users' demand for the small-satellite fleets operation and improvement of the economy of their operations, including prolonging their service life. It is a unique opportunity globally to make very low orbits accessible to satellite traffic. The benefits of operating on a very low orbit are obvious in the fields of communications as well as in the field of visual monitoring of the Earth.

The future development prospects for the project are in the area of own satellite fleet(s) operations and providing satellite-as-a-service solutions.



SpaceLab EU SE is the entity dedicated to space research and its global commercial use. The air-breathing ion-propulsion project was launched thanks to the group of European enthusiasts and investors joint under the hDock42 brand, which is focused on the promotion and commercial development of European know-how.

<http://spacelabeu.com>

SpaceLab EU closely cooperates on this project with The Czech Aerospace Research Center (VZLU) as a national center for research, development, and testing in aviation and astronautics.

<https://www.vzlu.cz/en>

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