

HORIZON 2020

13-14 November 2019, Warsaw

Space International Information Day & Brokerage Event

7th edition

ORGANIZERS:



UNIVERSITY
OF WARSAW



PARTNERS:



Creo TECH
Instruments S.A.



HONORARY PATRONAGE:



Ministry of Science
and Higher Education
Republic of Poland



MINISTRY
OF ENTREPRENEURSHIP
AND TECHNOLOGY



POLISH
SPACE
AGENCY

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Topics that we are interested in

Earth observation

- DT-SPACE-01-EO-2018-2020: Copernicus market uptake
- LC-SPACE-04-EO-2019-2020: Copernicus evolution – Research activities in support of cross-cutting applications between Copernicus service
- LC-SPACE-24-EO-2020: Copernicus evolution - Mission exploitation concepts

Artificial Intelligence and Space

- DT-SPACE-25-EO-2020: Big data technologies and Artificial Intelligence for Copernicus
- SPACE-27-TEC-2020: SRC - Space robotics technologies

Space technologies, science and exploration

- SPACE-30-SCI-2020: Scientific data exploitation

Secure and safe space environment

- SU-SPACE-23-SEC-2020: Advanced research in Near Earth Objects (NEOs) and new payload technologies for planetary defence

Other actions

- Space surveillance and tracking (SST)
- Improving the Performances of the SST at European Level

KP Labs
is a NewSpace company



- We support deep space exploration through
 - utilizing enhanced spacecraft autonomy
 - technologies such as hyperspectral imaging instruments and high-efficiency Data Processing Units.
- The key value of the company is its highly qualified staff with great potential and experience in R&D projects.

Our key products



- Zebra X1 - lightweight 150 band hyperspectral camera capturing images in wavelengths of 470 to 900nm at a rate of 65 FPS.
- Leopard - CubeSat standard-compliant Data Processing Unit which enables mission designers to apply AI solutions in space. Leopard uses Deep Neural Networks to process data on-board and therefore only sends the most important and valuable insights to the ground.

We are also designing a CubeSat mission: Intuition-1. It is equipped with a hyperspectral optical instrument aided by Leopard allowing for advanced data processing with AI to help Earth Observation.

We are looking for?



- Integrators and bus manufacturers to verify Leopard's value proposition and form partnerships (platform integration).
- Companies interested in offering ride share opportunities.
- Companies and institutions looking for subcontracting hardware and software development for on-board processing and on-board autonomy.
- Companies looking for subcontracting machine vision algorithm development for space robotics.