

Project Summary – Team 2

In a context of global warming, it is indispensable to increase the accuracy of measures of all types of pollutants globally. To solve those challenges, we propose combining nanosatellites with Metahilight and AI. Our polarizer has a potential use in aerospace as it has a low weight and energy consumption, some benefits that could increase frequency of measurements thanks to reducing prices. Additionally, when it comes to accuracy, Metahilight can detect objects comparable with its wavelength so that would allow it to detect important pollutant concentrations such as aerosols.