

IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM (A2)
Science Results from Ground Based Research (4)

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A COMMERCIAL SPACE AGENCY - ACCESS SPACE AS NEVER BEFORE

Abstract

OLYMPIASPACE was founded in the era of NewSpace, with the goal of easing access to space for everyone. Historically, space was a paradigm dominated by government entities, almost intangible for society. Now we are witnessing a major shift, a space era increasingly populated by entrepreneurs and visionaries. Several solutions have been proposed and realised. from rockets that vertically launch and land to winged spacecrafts that take-off and land horizontally. In both cases these reusable vehicles enable payloads to cross the threshold of space and to experience up to four minutes of microgravity.

At OLYMPIASPACE, we strongly believe that this revolutionary access to space, with its key point in the increased number of flights available at a relatively low-cost , is a concrete place of opportunities. Bank of America's Merrill Lynch sees the size of the space industry octuplicating in the next three decades, to at least \$2.7 trillion. Finally, space is no longer only a dream, but a viable path for future economic growth and will increasingly become a place where business and industry thrive.

Our mission is to offer our customers, depending on their specific needs, the optimized solution for accessing space quickly and at the lowest possible cost. Focusing for the time being on sub- orbital flights and extending in the near-future to orbital ones, OLYMPIASPACE offers a full end-to-end service that includes taking care of all the legal and regulatory requirements in order to safely pick-up the payload, to perform the flight and return the payload, together with data analysis, to customers clients. These customers range from private companies and commercial entities, to research centres and educational institutions. The payload can be anything envisioned by the customer, from microgravity research experiments, to commercial products and not-for- profit ideas. OLYMPIASPACE will ensure the best-fit between its clients and launcher providers.

During the presentation, an explanation of the services offered by OLYMPIASPACE will be given, enriched with an overview of the evolution of space access to date together with the advantages of the sub-orbital reusable launch vehicles, and examples of both already performed, and near-term scheduled flights using OLYMPIASPACE services.