

## **Future ESA Science missions and their technological preparation**

Marcos Bavdaz<sup>1</sup>

<sup>1</sup> *European Space Agency (ESA)*

The European Space Agency (ESA) has a very active Science Programme, with many missions in operation in space, and others being studied, developed or being prepared for launch. The ESA Science missions are very diverse, ranging from astrophysics observatories to probes visiting other parts of our planetary system, studying other planets, comets and our sun. Their success would not be possible without the development and use of novel technologies. Future ESA Science missions are extensively studied before their adoption for flight, and associated technologies are developed in industrial activities funded by ESA. An elaborated technology development plan is being regularly updated, and offers opportunities for innovative companies and research institutions to contribute to the ESA Science Programme.