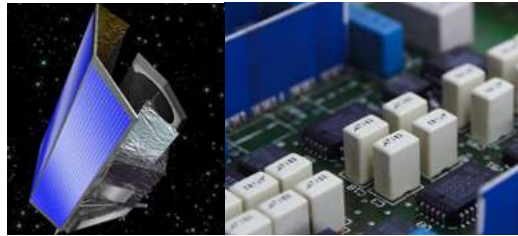


AEROSPACE



INFORMATION SYSTEMS RELIABILITY

X and electrons irradiation capabilities

- determination of total ionizing dose (TID) effects on systems and components

Modelling tools

- optimisation of electrical equipments resilience to ionizing radiation effects and associated shielding definition

Collaborative approach

- respect for ethics, mutual values and total confidentiality of the work

NUCLEAR

The growing use of **more and more complex information systems** in the space, aeronautical, nuclear or defense industry leads to consider the **impact of natural (such as cosmic rays) or artificial ionizing radiation** on these integrated systems and their components.

ATRON has a radiation source capable of **reproducing the extreme environmental conditions** to which these systems can be subjected, in terms of dose and dose rate as well as temperature and atmosphere.