

Ion electrospray iEPS micro-thrusters provide new capabilities for space propulsion. With high ISp, small size, high efficiency and a modular design easily adaptable to specific requirements they are particularly suitable for interplanetary / small satellite missions. As the units are moving toward flight tests we will describe the most recent developments in the design and performances of the thrusters and their different power processing and control assemblies and will discuss applications to attitude control and propulsion of small interplanetary space platforms.