



Small Satellites beyond Earth Orbits

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Small satellites represent an emerging opportunity to pursue a broad set of mission goals. Missions beyond Earth orbit with these miniaturized platforms are extremely fascinating and very challenging at the same time. They have the potential to achieve new discoveries in planetary science, astronomy, and astrophysics, and to open new frontiers in space exploration. Disruptive technology and novel concepts are needed in order to achieve unprecedented results with these resource-constrained missions.

The present topic aims to stimulate the discussion on crucial aspects that enable the adoption of small satellites both in support of the operations of larger probes, planetary orbiters, landers and rovers, and as stand-alone small missions.

Original papers are encouraged on the topic, including (but not being limited to): Scientific studies and payloads; Enabling technologies; Novel mission concepts; Trajectory design; Mission planning and operations; Reliability and safety





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