

SPACE EXPLORATION SYMPOSIUM (A3)  
Small Bodies Missions and Technologies (Part 1) (4A)

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TINY, BUT INTERESTING: ANALYZING DUST PARTICLES ON AND OFF SMALL BODIES

**Abstract**

Past, recent and future space missions have been carried out successfully or are currently designed for the analysis of dust particles on or next to comets and asteroids. After a brief review of the dusty environment of small solar system bodies, new in-situ dust instrument suite visions, based on the past experiences with Rosetta and other remote space missions and the next science challenges, will be addressed.