



The Origin of Negative Energetic Particles at 67P/C-G

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The RPC/IES sensor on the Rosetta observed two distinct populations of negatively charged energetic particles: (i) a nearly monoenergetic beam of particles in the 200-500 eV range and (ii) an occasional appearance of 1 to 20 keV particles following a power-law energy distribution. This talk will offer theoretical explanations for the origin of these negative particle populations.