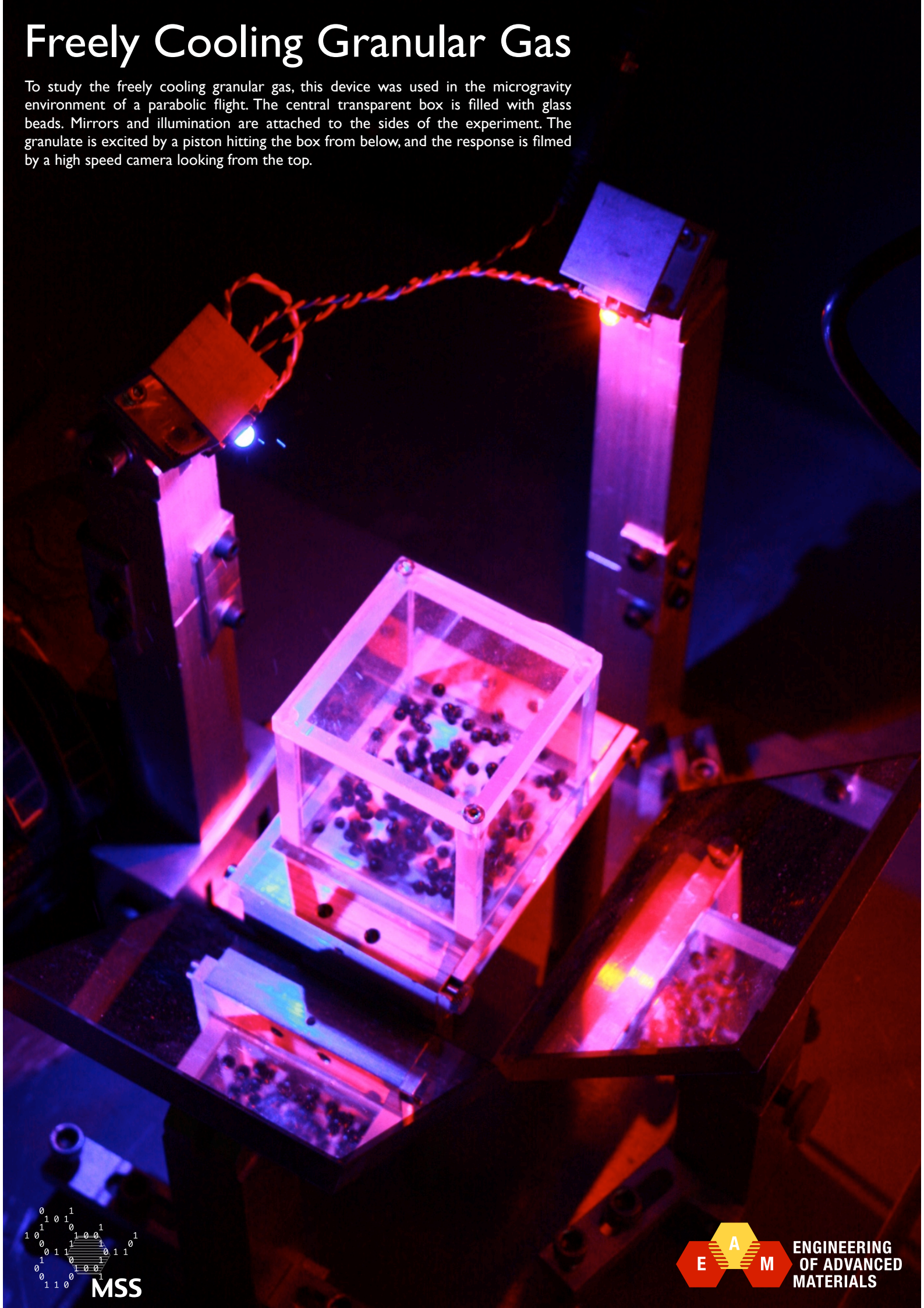
Freely Cooling Granular Gas

To study the freely cooling granular gas, this device was used in the microgravity environment of a parabolic flight. The central transparent box is filled with glass beads. Mirrors and illumination are attached to the sides of the experiment. The granulate is excited by a piston hitting the box from below, and the response is filmed by a high speed camera looking from the top.



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