

Abstract Submitted
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Sonofusion: Squeezed Deuteron Clusters, With Small Size, High Energy Density but No High Energy Particles ROGER STRINGHAM, First-gate Energies, PO Box 1230 Kilauea, HI 96754, Phone: 808 828 2859 — Inertial confined fusion when viewed as a natural process compares with sonofusion's electromagnetically squeezed deuteron cluster. Sonofusion capitalizes on its very small size and its higher energy densities. It is a relatively cool process, with the endothermic removal of heat, 13.6 eV, from a target implanted with clusters of deuterons; the fusion environment. The energy densities approach those of the deuteron separation in muon DD fusion. This helps explain sonofusion's experimental results of heat and helium four.

Scott Chubb
Naval Research Laboratory

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