

# Projectiles From the Dark Side

by

**Ken Shoulders** ©2006

## Abstract

Visualization of homemade WIMPs or Weakly Interactive Massive Particles, a form of Dark Matter, has been made possible through the work of Shoulders, Hutchison and Podkletnov. These entities are shown to be composed of EVOs, reordered to a black or invisible state through cancellation of their expressed charge and mass. Their utilization portends many new aspects of technology involving penetration and interrogation of previously denied regions of material as well as detailed exploration at great distances due to their particle probe nature thus obviating the need for inverse square laws of propagation. An even greater area of potential application lies in morphing these electronic entities into replicas of complex, organic structures.

Astronomers say we are being pummeled from all sides by projectiles from the cosmos they have named WIMPs, an acronym for Weakly Interactive Massive Particles, a form of Dark Matter that passes through ordinary matter without interaction because it is not electrically charged. There is nothing very mysterious about this effect as it is easily done in simple laboratory experiments under our control by generating WIMPs having a wide variety of characteristics. At the present time, electrons are the easiest matter form to work with but they may not have hegemony in this area for long.

Visualization of these homemade WIMPs is made manifest in widely diverse experiments shown by Shoulders <sup>[1]</sup>, Hutchison <sup>[2]</sup> and Podkletnov <sup>[3]</sup>, which are briefly introduced below.

**Ken Shoulders** has shown that electron clusters named EVOs, or Exotic Vacuum Objects, are capable of being formed from simple spark apparatus that are then self-cooled and ordered enough to be passed through millimeter thick samples of aluminum at entry velocities of only hundreds of volts instead of the megavolts normally required for simple electrons. Images of emergent fragments in the initial EVO can be seen on particle pinhole camera images as well as a scattered spectrum of plain electrons sometimes organized and projected in ghostly form.

**John Hutchison** has produced extraordinary effects on material for many years without having an adequate description of the cause. This author analyzed Hutchison samples in the 90's, and although the many EVO strike marks found attested to them having been exposed to EVO sources generated in his spark apparatus, it was not clear why most of the energy released in the process seemed to come from inside the bulk metal samples. Details of the EVO entry method were not clear but the signature of being there was made very apparent.

Over time it became unambiguously clear from work done in the Shoulders' laboratory that the metal was being penetrated at low velocity by incoming charge that had been partly neutralized by the EVO process before passing into and releasing its energy within the sample. This internal energy release mechanism adequately explained the very unusual pattern of decrepitation that was found. In addition, the material was found to "melt" without heat. This form of dishevelment as cold fluidization was in accord with other findings by Shoulders and published in his 1999 *Charge Clusters in Action* paper.

**Evgeny Podkletnov** has shown the effects of a form of WIMP projectile launching from an apparatus consisting primarily of a pulse fed, sparking gas diode using a superconductive cathode. A narrow, beam-like energy form is projected forward from the apparatus and found to penetrate the walls of buildings in its path. There was some momentum transfer to measured objects along the way as the energy form passed through but the interaction was sufficiently weak as to call the entity a *gray* EVO. The small angular spread of the “beam” is entirely consistent with it being a projectile composed of an EVO having been only partially cooled by its superconductive cathode origin.

From laboratory work by Shoulders, it is concluded that this partial cooling resulted from having no natural EVO cooling zone within the apparatus after launching from the cathode. The superconductive cathode was required to show the basic effect of penetration by gray EVOs but is considered unnecessary if other cooling mechanisms are invoked.

#### **EVO Cooling Process:**

Electrons extracted at very high density from a cathode operating in practically any mode, but most often by tunneling, leave with sufficient order to be classed as EVOs. Immediately after extraction, they cool themselves by intense electron emission in what the author refers to as the *white* mode. After a brief period of time in a tranquil or low noise environment, they automatically enter into the *black* mode of existence by further consolidation. The cooling limit of this mode has not yet been ascertained but it is sufficiently low for the EVO process to mask charge and mass enough to allow them to easily enter solid material and traverse through it as if it was very transparent. In arc welding and Electrical Discharge Machining, EDM, there is insufficient tranquility for the cooling process to become effective enough for deep penetration, although both process are replete with disturbed EVOs.

This insertion of one material into another, without modification or damage to either form, effectively signals the end to thoughts of the impenetrability of matter by matter. In this mode of operation, the two matter forms coexist with a new set of rules that are largely unknown. Not even the most basic measurements such as propagation velocity and its limits are available. It is very likely these new laws will not be congruent with known electromagnetic limits but at some point in time, new laws of mobility will be known and devices for manipulation of dark matter, such as lenses and timed operations, will be designed and used.

#### **Test Examples:**

Reflection or deflection of the white EVO form have been relatively consistent with known rules for electron control although the high intensity of the EVO induces charges in nearby electrodes to such an extent that many deviations are seen unless such an allowance is made. Using this control, it has been possible to interact two sequentially launched white EVOs by retarding the first in the series and have the second catch up with it and interact explosively producing a brilliant flash of light in vacuum. It has also been easy to determine the charge to mass ratio of white EVOs by time-of-flight methods, which show them to equal that of single electrons. The velocity of a black EVO is normally clocked by indirect methods as being equal to its launching velocity before converting from the white state. The charge and mass reduction have been followed down to a limit of about 1 part in a billion below that of the initial number of electrons incorporated in the EVO. There have been no direct measurements on the temperature of the black EVO state although indirect measurements of ordering exist by testing their ease of penetration into solids.

**Looking Forward:**

In a previous paper by the author entitled, *Permittivity Transitions*, a form of thrust production not dependent on mass ejection was proposed. Essentially, it consisted of circulating electron mass around a loop in both white and black EVO form while the forms are switched 180 degrees apart in position. This propulsion as mass pumping now seems cumbersome in light of newer methods proposed by Shoulders in recent papers on EVO propulsion.

A type of radar using dark matter projectiles in gray format capable of exceedingly deep penetration into material objects leaves no place for anything to hide. In addition, timed interaction of multiple entities gives the opportunity for either explosive action or selective interrogation at any place within the target area. These dark projectiles could cross a galaxy with greater ease than a photon and return to tell the tale of, *Goodbye to the Inverse Square Law*. Don't worry about our progeny finding their way home. We will find a way for them.

Interaction of specially prepared gray EVOs with complex organic structures, as either a unilateral or bilateral process, raises the hope of finding a high-rate, electronic growth process for morphing complex EVO like structures. Can the Spirit world be very far from this?

**References:**

[1] Essays on this and similar subjects by Ken Shoulders can be downloaded from: [www.svn.net/krscfs/](http://www.svn.net/krscfs/). In particular: *EVOs as WIMPs*, *Transmission of EVOs Through Metal* and *Charge Clusters in Action*.

[2] The John Hutchison website can be found at:  
<http://www.geocities.com/ResearchTriangle/Thinktank/8863/main.html>

[3] A pertinent paper by Evgeny Podkletnov is: *Investigation of high voltage discharges in low pressure gases through large ceramic superconducting electrodes*, Evgeny Podkletnov, Giovanni Modanese, 1 2 1 Moscow Chemical Scientific Research Center, 113452 Moscow – Russia  
This paper can be downloaded from: <http://arxiv.org/ftp/physics/papers/0209/0209051.pdf>