

Abstract Submitted  
for the PSF14 Meeting of  
The American Physical Society

**Evidence of Massive Thermonuclear Explosions in Mars Past, The Cydonian Hypothesis, and Fermi's Paradox** JOHN BRANDENBURG, Morningstar Applied Physics LLC — Analysis of recent Mars isotopic, gamma ray, and imaging data supports the hypothesis that perhaps two immense thermonuclear explosions occurred on Mars in the distant past and these explosions were targeted on sites of previously reported artifacts. Analysis rules out large unstable “natural nuclear reactors” [1], instead, data is consistent with mixed fusion-fission explosions [2]. Imagery at the radioactive centers of the explosions shows no craters, consistent with “airbursts.” Explosions appear correlated with the sites of reported artifacts at Cydonia Mensa and Galaxias Chaos [3], Analysis of new images from Odyssey, MRO and Mars Express orbiters now show strong evidence of eroded archeological objects at these sites. Taken together, the data requires that the hypothesis of Mars as the site of an ancient planetary nuclear massacre, must now be considered. Fermi's Paradox, the unexpected silence of the stars, may be solved at Mars. Providentially, we are forewarned of this possible aspect of the cosmos. The author therefore advocates that a human mission to Mars is mounted immediately to maximize knowledge of what occurred.

[1] J. E. Brandenburg “Evidence for a large Natural, Paleo- Nuclear Reactor on Mars” 42<sup>nd</sup> LPSC (2011).

[2] J.E. Brandenburg, “Anomalous Nuclear Events on Mars in the Past”, Mars Society Meeting (2014)

[3] J.E. Brandenburg, Vincent DiPietro, and Gregory Molenaar, (1991) “The Cydonian Hypothesis” *Jou. of Sci. Exp.*, 5, 1, p1-25.

John Brandenburg  
Morningstar Applied Physics LLC

Date submitted: 07 Oct 2014

Electronic form version 1.4