

2<sup>nd</sup> International Conference on

# ASTROPHYSICS AND PARTICLE PHYSICS

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## *D J Buettner*

USA

### Condensed neutrino object models and galaxy cluster data

In part-I of our talk, by Dr. Morley, relativistic magnetic dipole radiation loss was proposed as a potential mechanism for slowing down primordial “Big Bang” neutrinos. That talk outlined the CNO equation of state and the resulting equilibrium objects, revealing that the CNO would constitute the largest and most massive objects in the universe. The purpose of this talk is to bridge the previous theoretical discussion to the current status of CNO research, identifying the astrophysical evidence. The upcoming KATRIN experiment measuring the mass of the electron anti-neutrino down to  $0.35 \text{ eV}/c^2$  can confirm the viability of CNOs as the Dark Matter.

### Biography

D J Buettner completed his PhD in Astronautical Engineering from the University of Southern California's Viterbi School of Engineering as an Aerospace Corporate Fellow; all while working full time. He has Bachelor's and Master's Degrees in Physics from Oregon State University; funded in part by a NASA student research grant to investigate the hypervelocity intact capture phenomenon. He has published a book and published or co-published more than 36 papers in conferences and journals with 8 of those being in reputed journals. He is currently a government IPA supporting the USD (AT&L) with performance assessments of the DoD acquisition system.

[Dr.Doug\\_B@yahoo.com](mailto:Dr.Doug_B@yahoo.com)**Notes:**