Patrick Giddens

Graduate Research Assistant

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BIO:

Mr. Patrick Giddens is currently pursuing a M.S. in Aerospace Systems Engineering. His research is in the use of Linear Transformer Drivers in conjunction with Lithium Deuteride for use in a Magnetic Inertial Fusion Propulsion. Part of this Research has involved work on the Charger One project at the Aerophysics Research Center. He presented part of his research at the 2012 IAC.

Mr. Patrick Giddens was part of several honor societies during in school career. The first honor society was Phi Theta Kappa. The second honor society was Delta Epsilon Iota. He was also on the 2009-2010 USLI Team that took 1st Place overall winner, 1st place Vehicle Design, 1st Place Project Review. He also participated on the moon buggy team during 2008-2010 during which the team took 1st Place Design and 1st Place Safety Design.

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RELEVANT PUBLICATIONS:

1. 1 Giddens, P., and Cassibry, J. "Analysis of Stacked Linear Transformer Drivers for Application in Nuclear Fusion Propulsion," *63rd IAC,* IAC-12.C4.7-C3.5.7**.**