



Carlos Muñoz
Professor of Theoretical Physics
Departamento de Física Teórica UAM &
Instituto de Física Teórica IFT UAM-CSIC
Universidad Autónoma de Madrid (UAM)
Cantoblanco, 28049 Madrid, Spain

<http://www.multidark.es>
<http://dark.ft.uam.es/dsu>

Madrid, February 15, 2013

TO WHOM IT MAY CONCERN

I am writing in support of Dr. Michael Greife who has applied for a postdoctoral position.

I know Michael since October 2011 when he arrived to my Institute in Madrid with a two years EU-ITN postdoctoral position. Several months ago we have started a collaboration together with Christoph Weniger (GRAPPA Institute-Amsterdam) and one of my students member of the Fermi-LAT satellite experiment, Germán A. Gómez-Vargas, on gravitino dark matter in the context of the μ vSSM. This is a supersymmetric model breaking R-parity that I proposed several years ago together with my former student Daniel E. López-Fogliani, to solve the μ -problem of the MSSM and to generate naturally neutrino masses. In particular, we are now searching for possible sub-GeV gamma-ray lines produced by the decaying gravitino, with Fermi-LAT data. The paper is almost finished and the work of Michael has been very important to carry out the research. In addition, I know that Michael has been collaborating with other researchers in Spain and abroad covering several aspects of decaying dark matter.

Although probably the Ph.D. supervisor of Michael, Laura Covi, can give you more specific details about him, my impression after these several months of collaboration with Michael is that he is an able scientist with good capabilities for research work. Clearly, he can collaborate with other scientists. In addition, his personality is very pleasant. In summary, I am convinced that the research work that Michael can carry out will be fruitful for your institution. Last but not least, his application is at an opportune moment given the importance for astroparticle physics of present and future experiments.

In view of this, I give support to Michael's application.

Sincerely yours,