



UC SANTA CRUZ, DEPARTMENT OF PHYSICS

1156 High Street, Santa Cruz, CA 95064

Robert P. Johnson
323 Natural Sciences II
831-459-2125
rjohnson@ucsc.edu

March 26, 2017

Dr. John Jaros
SLAC National Accelerator Laboratory

Dear John:

By means of this letter I would like to request of the Heavy Photon Search collaboration that I be admitted as a new member. As a member of the HPS collaboration I will supervise and work with my Ph.D. student Mike Testa on his thesis research, including service work that he is expected to do for the collaboration. In the short term I am interested in contributing to production of the upgrade tracking modules, improvements in the particle tracking codes, and helping with data taking. In the longer term I am interested in contributing to the vertex analysis with data from upcoming runs.

Please note that Alex Grillo at UCSC has told me that he will need to exit the collaboration soon, so I plan to take over as the UCSC principal investigator on HPS.

My personal contributions during the 2017/2018 academic year at UCSC will likely be relatively modest, due to my continuing role as department chair as well as ongoing funded research projects (especially a NASA balloon flight of a magnetic spectrometer that I am building with collaborators at the University of Delaware, which is scheduled to fly during that period). However, in the summer of 2018 I will commit at least a full month to HPS, and in the subsequent academic year I will take sabbatical for the entire year (assuming approval by the incoming chair and dean) and devote approximately 50% of my time to HPS.

Sincerely,

A handwritten signature in cursive script, reading "Robert P. Johnson".

Robert P. Johnson
Professor and Chair of Physics