



DEPARTMENT OF  
PHYSICS

9 September 2014

Professor Juan Jose Gomez-Cadenas  
IFIC  
Calle Catedrático José Beltrán, 2, 46980 Paterna,  
Valencia, Spain

Dear JJ,

I write to confirm the participation of the University of Texas, Arlington, in NEXT. As you know, I have accepted the position of Presidential Distinguished Professor at UTA, with substantial University support to commence a research program. At this time, I am pleased to commit funds totaling \$540K for equipment for NEXT, now, and in its various stages of progress toward a definitive search for the neutrino-less double beta decay mode in  $^{136}\text{Xe}$ . I will also commit funds of \$15K for the NEXT Common fund. I will be supporting at least one post-doctoral fellow in NEXT, and expect that graduate students at UTA will find this activity attractive.

I note that the 24 April 2014 Report of DOE-NSF NSAC Subcommittee for Neutrino-less Double Beta Decay made recommendations that the NEXT project and possible future stages satisfy, uniquely among contenders for future large-scale efforts. This outcome bodes well, I believe, for success in future proposals to DOE for NEXT support.

I look forward to a continuing and fruitful collaboration with you and all members of the NEXT collaboration. I hope this communication will be helpful to you in planning.

With my best regards,

A handwritten signature in black ink that reads 'David K. Nygren'.

David Nygren