



College of Arts & Sciences
Department of Physics and Astronomy
401 A.H. Nielsen Physics Building
Knoxville, Tennessee 37996-1200
(865) 974-3342
FAX (865) 974-7843
URL <http://www.phys.utk.edu>
November 13, 2017

To whom it may concern:

I would like to strongly support extension of the project “Investigation of the bb-decay processes of Se-82 with SuperNEMO detector” by JINR group for the period 2019-2021

SuperNEMO detector build capitalized on the prior experience with extremely successful NEMO-3 experiment. Both detectors are searching for the double beta decay using unique combination of detector tracking and calorimetric technologies. This concept proved to be very productive and let to study various double beta decay candidates with extremely low background environment. JINR team has been one of the major players in the NEMO-3 detector and position extremely well to play even more prominent role in the SuperNEMO detector. JINR contribution is stretched from preparation of Se foil target, simulations and work on calorimetry up to gamma assay of low background components. All of those activities are highly visible and important. SuperNEMO project will not achieve its objectives without those contributions. I would like to add that JINR group consists out of very respectful scientists with a long and successful track record in neutrino physics.

I wish to all members of the group sucsees in comissioning SuperNEMO demonstrator and unpatiently waiting to see their first results.

Very Truly yours,
Professor Yuri Efremenko:
University of Tennessee, Knoxville, USA
IPMU, Tokyo, Japan
Spokesperson of the COHERENT collaboration