**LETTER OF SUPPORT  
(for the application to the Fermilab-University Joint Ph.D. Program)**

This letter is to support the application to the Fermilab-University Joint Ph.D. program by Benjamin Loseth. I interviewed Benjamin Loseth and also reviewed his CV and official transcripts, and in my opinion he is a strong candidate for the Program and a valuable asset for Fermilab. I find Benjamin’s coursework at Michigan State University relevant to the application. He is also quite far in terms of satisfying Ph.D. degree course and exam requirements. Benjamin has had exposure to experiments working two summers in a row, first at Argonne National Laboratory and then at Los Alamos National Laboratory, obtaining hands-on experience not every undergraduate student gets. Benjamin’s desire to work and gain expertise in such topics as muon cooling and collective effect simulation brought my attention to him as a potential successful contributor to the Muon Accelerator Program at Fermilab. I would like to express my consent to act as a Fermilab adviser for the student in case the committee decision is in favor of accepting Benjamin Loseth as a graduate student.

May 9, 2011

Dr. Pavel Snopok  
Associate Scientist, Fermilab  
Assistant Professor, Illinois Institute of Technology