

October 26, 2011

To Whom It May Concern:

It is my pleasure to recommend Yulia Trenikhina to the Fermilab-University Joint PhD Program. I got to know Yulia as her supervisor when she joined collaboration work on the International Linear Collider in the Cryogenic Department here at Fermilab in the summer of 2006. During her time here she showed all the qualities necessary to succeed as a physics graduate student, as well as a practicing engineering physicist.

During her work at Fermilab, Yulia gained a commending expertise within the fields of experimental physics and practical engineering. She showed that she was able to take on difficult tasks independently. For instance, I asked her to develop an experimental set-up for testing cryogenic thermometers at various temperatures. The task involved mathematical analysis of highly variable material properties at cryogenic temperatures, thermal and structural design of the test set-up, materials and parts selection and procurement, testing set-up construction and overseeing installation, system safety analysis, data collection, and experimental results analysis. Ability to thoroughly understand issues at hand coupled with a can-do attitude allowed Yulia to successfully commission the test set-up for cryogenic thermometers testing, conduct tests, and collect and analyze data.

As a result of her work at Fermilab, Yulia was the co-author of a paper that was presented at the Cryogenic Engineering Conference & International Cryogenic Materials Conference in Chattanooga, Tennessee in July of 2007.

I stayed in touch with Yulia after she left Fermilab to finish her degree. When I learned that she was interested to continue her scientific research, I was glad that I was able to help find her a job with Fermilab's collaborator institution in Russia - Joint Institute of Nuclear Research (JINR), Dubna.

I highly recommend Yulia Trenikhina as a motivated, knowledgeable individual who will succeed at any task. If you have any further questions, please feel free to contact me. I would be more than happy discuss Yulia's qualities and qualifications further.

Sincerely,



Arkadiy Klebaner