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Geneva, 2 February 2011

To whom it may concern

It is a great pleasure to write this letter of recommendation for Mr Bruce YEE RENDON from CINVESTAV Mexico City, Mexico, who is applying to the Fermilab-University Joint PhD Program.

Mr Yee has been working at CERN for two months in August and September 2010, as a master student, under my and Dr. Rama Calaga's supervision, in the frame of a CERN-CINVESTAV (EuCARD) collaboration. Mr Yee has made some important contributions to the modeling of crab cavity failure scenarios using the SixTrack/CollTrack and MAD-X simulation codes. He has set up and validated these simulation tools as well as the pertinent code extensions, which included time-dependent crab-cavity voltage changes and RF phase shifts, and he performed loss-map calculations for some suggested LHC crab-cavity failure modes, obtaining interesting first results. Mr. Yee is dedicated, enthusiastic and eager to learn more about accelerators. I, like everybody else here at CERN, have been very happy with Mr. Yee and his work. He gave a nice presentation before he left CERN; and he even wrote three EuCARD reports. I was glad that he has been able to continue some of this work after his return to Mexico.

For all the above reasons, I highly recommend Mr. Yee for your consideration.

Yours sincerely,

Dr. Frank ZIMMERMANN
CERN BE Department/ABP Group