



Dr. Oleg Lebedev  
DESY Theory group  
Notkestrasse 85, 22603 Hamburg  
Germany  
email: lebedev@mail.desy.de  
phone: +49 40 8998 2086  
fax: +49 40 8998 2777

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### Recommendation Letter for Jae-hyeon Park

Dear Colleagues,

It is my pleasure to recommend Jae-hyeon Park for a postdoctoral position in particle physics. I am familiar with Jae-hyeon's work on flavor and Higgs physics, and have collaborated with him at DESY on Higgs-induced lepton flavor violation (*Phys. Lett. B* 707:369-374, 2012).

My experience with Jae-hyeon has been very positive. I find him a thoughtful, meticulous and hard working collaborator. His expertise and contribution to our project were essential, both in analytical and numerical aspects. Understanding the nature of the Higgs boson, including its couplings to matter, is one of the main priorities of modern particle physics. Our project made a contribution in this direction linking effects of higher dimensional  $H^\dagger H$ -operators to lepton flavor violation, which has implications for Higgs decays to be studied at the LHC.

Jae-hyeon's research experience ranges from traditional flavor physics to string constructions and vacuum decay. I find the range and the depth of his expertise appropriate for a senior postdoc or junior faculty position. He has held postdoctoral positions at some of the best research institutes in Europe such as DESY and INFN, and gathered sufficient experience to carry out independent research. The direction of his research is also very promising in light of the LHC results and prospects, since it concerns understanding the Higgs sector in various extensions of the Standard Model. In conclusion, I recommend Jae-hyeon Park for the above mentioned position most strongly.

With best regards,

A handwritten signature in black ink, appearing to read 'Lebedev' in a cursive script.

Dr. Oleg Lebedev