



Yonsei University

Department of Physics



Professor Choong Sun Kim (C. S. Kim)  
Department of Physics, Yonsei University  
Seoul 120-749, KOREA

Tele-Fax: +82-(0)2-392-1592  
+1-360-246-0900  
Telephone: +82-(0)2-2123-8514

cskim@yonsei.ac.kr  
<http://kimcs.yonsei.ac.kr/~cskim/>

[ Recommendation Letter for Dr. Hui-Feng Fu ]

Dear Sir,

I am very happy to write a recommendation letter for Dr. Hui-Feng Fu, concerning his application to the postdoctoral fellowship at your institute. I have known him personally about five years since September 2007 after I visited Harbin Institute of Technology through ongoing Korea—China international collaborative research program. There I met him first time, and instantly we started our discussions on the current hot topics in flavor physics, together with his Ph.D advisor, Dr. Guo-Li Wang. Actually Professor Wang had been my postdoc fellow, and he got the professorship in Harbin just after his postdoctoral fellowship in Korea.

As you may know, Dr Wang is the world-renowned expert on Bether-Salpeter method for heavy meson decays, especially for B-decays. And Dr Fu, as a student under Professor Wang, is now newly rising expert on the subject. We have collaborated 2 papers on non-leptonic and semi-leptonic decays of B, B<sub>s</sub> and related problems. During those collaborations, I realized that Dr Fu is well trained researcher in high energy particle physics — Collider physics of LHC, ILC and Flavor physics of Belle, BaBar, future super-B factories.

He has always worked hard part of physics calculations in our collaborations. As you may know, he is already a Worldwide-expert on instantaneous Bethe-Salpeter method and related B-meson physics phenomenology. I think this will be a quite important ability of him in coming years since there are presently many working and planned B-factory experiments worldwide, and there are not many hard-core expert on relativistic bound state problem worldwide. Now Chinese government wants to increase her impact on particle physics through experimental and theoretical particle physics research, by increasing the fund and interactions to foreign institutes. In this sence, Dr Fu is the most well prepared scientists toward the world, reveraging the expertise in Bethe-Salpeter method.

He still need to learn many tough physics calculational methods and new physics ideas through hot and lively discussions with colleagues through the program. From my previous experience, I am

sure he certainly has strong potential to become a young world leader of phenomenology very soon. He also has quite strong and independent personality. Because of these, I think without any hesitation that he will become a leader in hadron physics phenomenology within and beyond the Standard Model, once he is given your excellent chance.

Therefore, I very strongly recommend him as an excellent postdoc fellow to your institute.

With My Best Regards,

Choong Sun Kim (C. S. Kim)  
Department of Physics, Yonsei University  
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