Speech at the Opening of the Seventh BES Annual Meeting

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Dear Colleagues and Friends,

Today, we are gathering in Datong to participate in the Seventh BES Annual Meeting for summarizing our work completed last year, and discussing our future physics plan. BES have had the most difficult year since the MDC noise problem was found last spring. At that time, IHEP and the physicists in BES collaboration both from China and US were put under great pressure. But with the painstaking efforts of all the BES colleagues, we have overcome many difficulties and successfully implemented the Split HV scheme, kept the BES running normally, and completed the first R scan at 6 energy points, with satisfactory data quality. I may say now that the BES has stood the most severe test, and we should be proud of it. The BES team is an excellent team. Of course, we have made great efforts. For instance, most of Chinese colleagues continued working at BES, sacrificing their vocation during the Chinese Spring Festival. Dr. Steve Olsen also flew here from Hawaii to join us for working out the noise problem of preamplifiers. He proposed a solution that reduced the noise to a lower level so that the preamplifiers could be installed in BES. Rusty came to IHEP several times for realizing the split HV.

Both Chinese and American physicists have made contributions to carry out the MDC split HV and to start building a new MDC.

Not long before, the Chinese Academy of Sciences (CAS) said that the construction of the Shanghai Synchrotron Radiation Facility (SSRF) will be the major task of IHEP in the next 3-5 years, and it will be impossible for the tau charm factory to be approved during this period. Therefore, a serious issue is placed in front of us: How to further develop BEPC/BES? What are its short-term and long term plan? I hope this is also one of the key topics of this meeting.

IHEP has asked for 100 million RMB from CAS in the next 3-5 years for further upgrade of BEPC/BES and R&D for BTCF. The development of BEPC/BES needs the support from CAS and the scientific community. On the other hand, BES should produce more physics results and papers, build MDCIII successfully.

The R scan result should be reported at ICHEP98 to be held in Vancouver and be published so that the international high energy physics community can hear the voice of BES, know that BES has overcome the difficulties and begun its regular operation with interesting physics results.

Our prospects are rigorous, but we are confident because we have a successful BES collaboration and the upgraded BES. We are doing interesting physics and will have good results.

I wish the meeting a full success.

Thank you.