



October 3, 2016

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**XXX**

To Whom It May Concern,

My name is Baojia (or you may have known me as Tony) Tong, and I'm applying to the academic position in **XXX** at the **XXX**. Currently, I am a member of ATLAS collaboration, and plan to complete my Ph.D. at Harvard University in May, 2017.

My physics interest has been the search for  $X \rightarrow hh \rightarrow b\bar{b}b\bar{b}$  at ATLAS, especially in the boosted regime. Di-higgs production is one of the crucial measurements in the next decade, while the search for heavy resonances decaying into di-higgs is a powerful probe for physics beyond the standard model. I have been one of the lead analysers on the boosted analysis since 2015 and will be continuing my searches using 2016 data. For detector and operational work, I have been actively involved with the ATLAS Muon Monitoring and Reconstruction since early 2015.

**XXX**

Included in this application is research statement and a curriculum vitae, which also contains the list of publications. My dissertation advisor Melissa Franklin, Professor Mel Shochet, Dr. Christoph Amelung and Dr. Michael Kagan have been extremely helpful and instrumental throughout my time at Harvard University and CERN. Thus, I have requested four letters of recommendation from them to be submitted to **XXX**.

Thanks for your time and consideration!

Sincerely,

A handwritten signature in black ink, appearing to be 'tong' followed by a stylized flourish.

Baojia Tong