

**National Science Foundation of China  
And  
Development of Chinese Nuclear Physics**

**Professor Wenqing Shen  
NSFC and Shanghai Institute of Applied Physics of CAS  
24 May 2012**

**Abstract**

The NSFC will be introduced briefly, especially the recent development and the newcomer in the project category: the Research Fund for International Young Scientist will be introduced in detail. As examples of the bilateral cooperation between NSFC and U.S founding agencies, the RHIC-STAR large area Time of Flight (TOF) management plan and the DAYA Bay neutrino experiment international collaboration will be talked and the results of such collaboration: the first observation of anti hyper triton (first anti nucleus with anti strange quark), first observation of anti alpha (the heaviest anti nucleus so far) and the observation of electron anti neutrino disappearance at DAYA Bay (new type of neutrino oscillation) will be introduced. Then the future nuclear physics program in China (the existing facilities, the facilities in construction and the facilities in propose stage) and how NSFC will support such activities will be introduced.