

Abstract Submitted  
for the TSF17 Meeting of  
The American Physical Society

**Impact of  ${}^7\text{Be}(\alpha, \gamma)$  reaction on Big Bang Nucleosynthesis**<sup>1</sup> MICHAEL HARTOS, CARLOS BERTULANI, SUQING HOU, S SHUBHCHINTAK, Texas AM University - Commerce — We will discuss the impact of the  ${}^7\text{Be}(\alpha, \gamma)$  reaction on the primordial abundance of elements during the Big Bang epoch. Specific applications to the so-called BBN  ${}^7\text{Li}$  problem will be addressed.

<sup>1</sup>NSF Grant No. 1415656 and US DOE Grant No. DE-FG02-08ER41533

Michael Hartos  
Texas A&M University - Commerce

Date submitted: 30 Sep 2017

Electronic form version 1.4