

## Resource Request by Projects

A breakdown of our request by projects and computing platforms is given in Table 1. We request 19,600,000 service units on the NICS Cray XT4, 17,696,500 service units on the TACC Sun Opteron Linux Cluster, 5,390,000 service units on the NCSA Abe Cluster, and 3,978,400 service units on the PSC Cray XT3. Finally, we request continued access to the 100 TBytes of data we have stored at SDSC. Our computational resource estimates are based on the current performance of our code on the machine in question. It is possible to move our projects among the computers on which we request time.

Table 1: Resource Request by Projects in Processor-Hours

Project	Cray XT4 Kraken	Sun Opteron Ranger	Abe Cluster	Cray XT3 BigBen
Gauge Configuration Generation				1,700,000
Weak Decays of Heavy-Light Mesons	19,600,000	9,800,000		
Spectrum and Light Pseudoscalars		3,503,500		650,900
Non-perturbative renormalization			5,390,000	
Test of the HISQ Action		2,268,000		1,627,500
Electromagnetic Effects		2,125,000		
<b>Totals</b>	<b>19,600,000</b>	<b>17,696,500</b>	<b>5,390,000</b>	<b>3,978,400</b>