

Abstract Submitted  
for the APR12 Meeting of  
The American Physical Society

**Spatial correlation functions in lattice QCD and quarkonium properties at high T** PETER PETRECKZY, BNL — I will discuss lattice QCD calculations of Wilson loops at finite temperature and the extraction of the temperature dependent heavy quark potential from them. I will also discuss spatial charmonium correlators calculated in 2+1 flavor lattice QCD and their implications on charmonium melting in the deconfined phase.

Peter Petreczky  
BNL

Date submitted: 30 Dec 2011

Electronic form version 1.4