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**Charged Hadron Transverse Momentum Spectra in Cu+Cu Collisions from PHENIX** CARLA VALE, Iowa State University, PHENIX COLLABORATION — The observed suppression of high- $p_T$  hadrons at mid-rapidity in central Au+Au collisions at RHIC has generated a high level of interest, since it may be a consequence of the energy loss of hard partons traveling through the hot and dense medium created in these collisions. The understanding of these results can significantly benefit from additional studies of how the high- $p_T$  suppression depends on collision energies and system sizes. During the latest RHIC run, PHENIX collected data on Cu+Cu collisions at  $\sqrt{s_{NN}} = 200$  GeV and  $\sqrt{s_{NN}} = 62$  GeV, allowing for comparison with both the larger system size collisions in Au+Au and the baseline measurements performed in d+Au and p+p collisions. We present results from PHENIX on the charged hadron transverse momentum spectra in Cu+Cu collisions and its centrality dependence, as well as comparisons with other colliding systems and energies.

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