Arthur Baragar* (baragar@unlv.nevada.edu). The Neron-Tate pairing and elliptic K3 surfaces. Preliminary report.

In this talk, we describe a connection between the Neron-Tate pairing on the elliptic curves in an elliptic fibration of a K3 surface with section, and the structure of the ample cone for the K3 surface. (Received February 12, 2015)