Hailong Dao*, Department of Mathematics, University of Kansas, 405 Snow Hall, 1460 Jayhawk Blvd, Lawrence, KS 66045. *Cohen-Macaulay cones.

(Joint work with K. Kurano) Let \( R \) be a local Cohen-Macaulay ring. Let \( V \) be the Grothendick group of modules over \( R \) modulo numerical equivalences with real coefficients. The Cohen-Macaulay cone of \( R \) is generated by non-negative combinations of the Cohen-Macaulay modules inside \( V \). In this talk I will describe some basic questions and results about these cones. (Received February 10, 2014)